

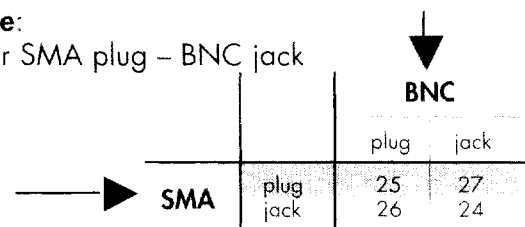
ADAPTORS "BETWEEN SERIES"

		A		BMA		BNC		C		MCX		MMCX		N	
		plug	jack	plug	jack	plug	jack	plug	jack	plug	jack	plug	jack	plug	jack
A	plug						3								
	jack					1/2								63	
BMA	plug														
	jack														
BNC	plug		1/2					5	6	13	14	9	10	18	19
	jack	3						7	4	15	12/16	11	8	20	17
C	plug					5	7							45	46
	jack					6	4							47	44
MCX	plug					13	15							55	56
	jack					14	12/16							57	54
MMCX	plug					9	11								
	jack					10	8								
N	plug		63			18	20	45	47	55	57				
	jack					19	17	46	44	56	54				
QLA	plug						22								
	jack					21	23								
SMA	plug			91/95	93/97	25	27			59	61	51	53	65	67/69
	jack			92/96	90/94	26	24			60	58	52	50	66	64/68
SMB	plug					29	31							71	73
	jack					30	28							72	70
SMC	plug					33	35							75	77
	jack					34	32							76	74
TNC	plug					37	39							79	81
	jack					38	36				62			80	78
UHF	plug					41	43		49					83	85
	jack					42	40	48						84	82
7/16	plug													87	89
	jack													88	86

Finding the Right Adaptor

In the tables on this spread you find the most frequently used SUHNER adaptors. (Within-Series Adaptors can be found in the respective chapters).

Example:
Adaptor SMA plug – BNC jack



Material and plating descriptions may refer to the connector housing or outer contact.

SUCO* = SUCOPLATE®

		QLA		SMA		SMB		SMC		TNC		UHF		7/16	
		plug	jack	plug	jack	plug	jack	plug	jack	plug	jack	plug	jack	plug	jack
A	plug														
	jack														
BMA	plug			91/95	92/96										
	jack			93/97	90/94										
BNC	plug		21	25	26	29	30	33	34	37	38	41	42		
	jack	22	23	27	24	31	28	35	32	39	36	43	40		
C	plug												48		
	jack											49			
MCX	plug			59	60										
	jack			61	58						62				
MMCX	plug			51	52										
	jack			53	50										
N	plug			65	66	71	72	75	76	79	80	83	84	87	88
	jack			67/69	64/68	73	70	77	74	81	78	85	82	89	86
QLA	plug														
	jack														
SMA	plug									99	100				
	jack									101	98				
SMB	plug														
	jack														
SMC	plug														
	jack														
TNC	plug			99	101								102		
	jack			100	98							103			
UHF	plug										103				
	jack									102					
7/16	plug														
	jack														

Number 27 indicates where to look for the required type. On the following pages you will find the sketches and descriptions of all types in numeric order. If you go to number 27 you find the following information:

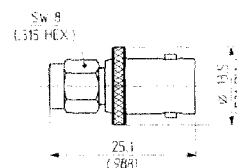
27

TYPE 33 SMA-BNC-50-1•

SMA **plug**
BNC **jack**

weight 8.0 g / .28 oz.
ident.no. 640153

material
SMA: CuBe/gold
BNC: brass/SUCO*



Adapt.

Material and plating descriptions may refer to the connector housing or outer contact.

SUCO* = SUCOPLATE²

Precision Adaptors

		BNC		K		N		PC2.4		PC3.5	
		plug	jack	plug	jack	plug	jack	plug	jack	plug	jack
BNC	plug					151	152				
	jack					153	150				
K	plug								182		
	jack							183			
N	plug	151	153						184	179	180
	jack	152	150					185		181	178
PC2.4	plug				183		185				
	jack			182		184					
PC3.5	plug					179	181				
	jack					180	178				
PC7		154	155			156	157			176	177
SMA	plug					159	161				
	jack					160	158				
TNC	plug					167	169				
	jack					168	166				
4.1/9.5	plug					187	188				
	jack						186				
7/16	plug					163	165				
	jack					164	162				

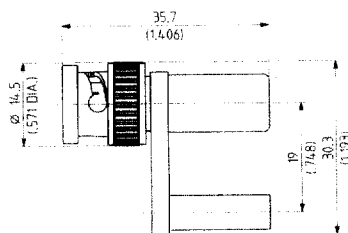
Note: VSWR specifications of the standard Between-Series-Adaptors are typical values.

		PC7	SMA		TNC		4.1/9.5		7/16	
			plug	jack	plug	jack	plug	jack	plug	jack
BNC	plug	154								
	jack	155								
K	plug									
	jack									
N	plug	156	159	160	167	168	187		163	164
	jack	157	161	158	169	166	188	186	165	162
PC2.4	plug									
	jack									
PC3.5	plug	176								
	jack	177								
PC7			170	171	172	173			174	175
SMA	plug	170								
	jack	171								
TNC	plug	172								
	jack	173								
4.1/9.5	plug									189
	jack									
7/16	plug	174								
	jack	175					189			

1

TYPE 33 BNC-A-0-1
BNC-A (4 mm/ .157 in. Banana)
BNC **plug**
A **jack**

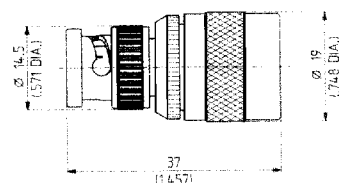
weight 20.5 g/ .72 oz.
ident.no. 540589

material
BNC: brass/SUCO*
A: brass/silver


5

TYPE 32 BNC-C-50-1
BNC **plug**
C **plug**

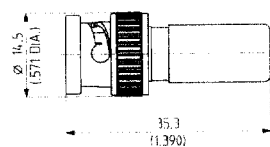
weight 37.5 g/ 1.32 oz.
ident.no. 540567

material
BNC: brass/SUCO*
C: brass/SUCO*


2

TYPE 33 BNC-A-0-2
BNC-A (4 mm/ .157 in. Banana)
BNC **plug**
A **jack**

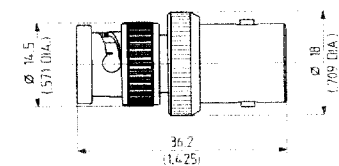
weight 13.5 g/ .48 oz.
ident.no. 540590

material
BNC: brass/SUCO*
A: brass/silver


6

TYPE 33 BNC-C-50-1
BNC **plug**
C **jack**

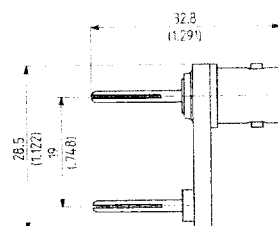
weight 27.5 g/ .97 oz.
ident.no. 543825

material
BNC: brass/SUCO*
C: brass/SUCO*


3

TYPE 33 A-BNC-0-1
BNC-A (4 mm/ .157 in. Banana)
BNC **jack**
A **plug**

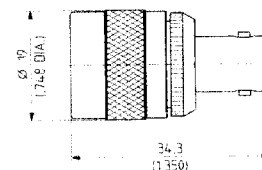
weight 13.5 g/ .48 oz.
ident.no. 543860

material
BNC: brass/SUCO*
A: bronze/silver


7

TYPE 33 C-BNC-50-1
C **plug**
BNC **jack**

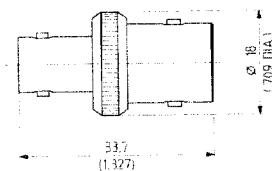
weight 32 g/ 1.13 oz.
ident.no. 541311

material
C: brass/SUCO*
BNC: brass/SUCO*


4

TYPE 31 BNC-C-50-1
BNC **jack**
C **jack**

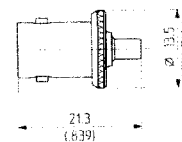
weight 22.5 g/ .79 oz.
ident.no. 540543

material
BNC: brass/SUCO*
C: brass/SUCO*


8

TYPE 31 BNC-MMCX-50-1
BNC **jack**
MMCX **jack**

weight 6.5 g/ .23 oz.
ident.no. 645963

material
BNC: brass/SUCO*
MMCX: brass/gold


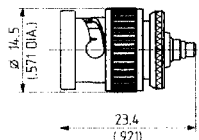
VSWR: DC - 4 GHz: ≤ 1.05 + 0.04 f

Material and plating descriptions may refer to the connector housing or outer contact.

SUCO* = SUCOPLATE[®]

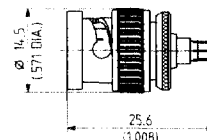
9

TYPE 32 BNC-MMCX-50-1

BNC plug
MMCX plugweight 11.7 g/.41 oz.
ident.no. 645959material
BNC: brass/SUCO*
MMCX: brass/goldVSWR: DC – 1 GHz: ≤ 1.03 ; 1 – 3 GHz: $\leq 0.0935 + 0.09 f$;
3 – 4 GHz: ≤ 1.22

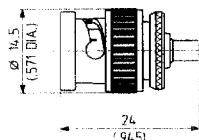
13

TYPE 32 BNC-MCX-50-1

BNC plug
MCX plugweight 11.3 g/.40 oz.
ident.no. 543567material
BNC: brass/SUCO*
MCX: CuBe/goldVSWR: DC – 0.5 GHz: ≤ 1.06 ; 0.5 – 4 GHz: ≤ 1.22

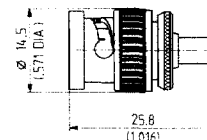
10

TYPE 33 BNC-MMCX-50-1

BNC jack
MMCX plugweight 11.7 g/.41 oz.
ident.no. 645964material
BNC: brass/SUCO*
MMCX: brass/goldVSWR: DC – 1 GHz: ≤ 1.06 ; 1 – 3 GHz: $\leq 0.98 + 0.08 f$;
3 – 4 GHz: ≤ 1.22

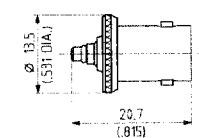
14

TYPE 33 BNC-MCX-50-1

BNC jack
MCX plugweight 11.5 g/.41 oz.
ident.no. 543829material
BNC: brass/SUCO*
MCX: brass/goldVSWR: DC – 4 GHz: ≤ 1.20

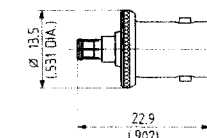
11

TYPE 33 MMCX-BNC-50-1

MMCX plug
BNC jackweight 6.7 g/.24 oz.
ident.no. 645966material
MMCX: brass/gold
BNC: brass/SUCO*VSWR: DC – 4 GHz: $\leq 1.05 + 0.04 f$

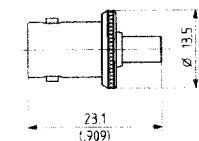
15

TYPE 33 MCX-BNC-50-1

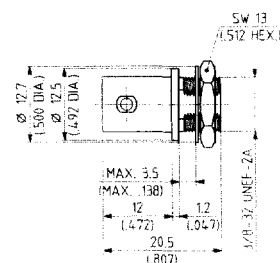
MCX plug
BNC jackweight 6.2 g/.22 oz.
ident.no. 543585material
MCX: CuBe/gold
BNC: brass/SUCO*VSWR: DC – 1 GHz: ≤ 1.04 ; 1 – 4 GHz: ≤ 1.22

12

TYPE 31 BNC-MCX-50-1

BNC jack
MCX jackweight 6.4 g/.23 oz.
ident.no. 543639material
BNC: brass/SUCO*
MCX: brass/goldVSWR: DC – 2 GHz: $\leq 1.03 + 0.13 f$; 2 – 4 GHz: ≤ 1.29

16

TYPE 34 BNC-MCX-50-2
panel adaptorBNC jack
MCX jackweight 9.6 g/.34 oz.
ident.no. 644912material
BNC: brass/SUCO*
MCX: brass/SUCO*
mounting hole ML 2VSWR: DC – 1: ≤ 1.04 ; 1 – 4 GHz: ≤ 1.22

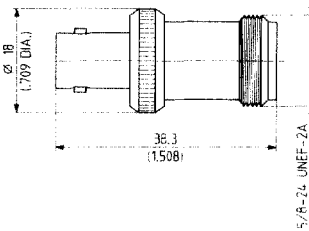
17

TYPE 31 BNC-N-50-1*
TYPE 31 BNC-N-75-1**

BNC jack
N jack

weight 31.0 g/1.09 oz.
ident.no. 540549*
543640**

material
BNC: brass/SUCO*
N: brass/SUCO*



VSWR: (50Ω) DC – 4 GHz: ≤ 1.22

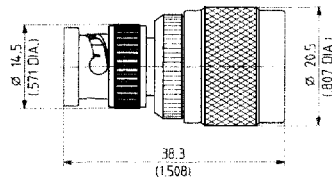
18

TYPE 32 BNC-N-50-1*
TYPE 32 BNC-N-75-1**

BNC plug
N plug

weight 41.5 g/1.46 oz.
ident.no. 540571*
541022**

material
BNC: brass/SUCO*
N: bronze/SUCO*



VSWR: (50Ω) DC – 4 GHz: ≤ 1.06 + 0.04 f
MIL A 55339/18-01034

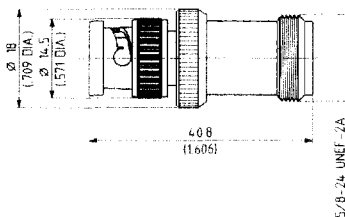
19

TYPE 33 BNC-N-50-1*
TYPE 33 BNC-N-75-1**

BNC plug
N jack

weight 36.0 g/1.27 oz.
ident.no. 540608*
541034**

material
BNC: brass/silver
N: brass/silver



VSWR: (50 Ω) DC – 4 GHz: ≤ 1.04 + 0.025 f

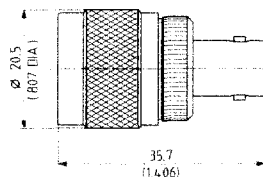
20

TYPE 33 N-BNC-50-1*
TYPE 33 N-BNC-75-1**

N plug
BNC jack

weight 37.0 g/1.31 oz.
ident.no. 542414*
542622**

material (50Ω)
N: bronze/SUCO*
BNC: brass/SUCO*



VSWR: (50 Ω) DC – 4 GHz: ≤ 1.22
MIL A 55339/20-00201

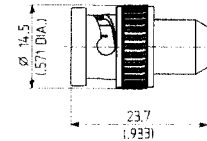
21

TYPE 33 BNC-QLA-01-1

BNC plug
QLA 00 jack

weight 13.0 g/.46 oz.
ident.no. 540624

material
BNC: brass/nickel
QLA 00: brass/nickel



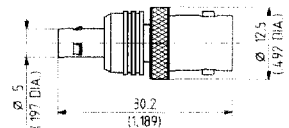
22

TYPE 33 QLA-BNC-01-1

QLA 00 plug
BNC jack

weight 9.0 g/.32 oz.
ident.no. 640029

material
QLA 00: brass/nickel
BNC: brass/SUCO*



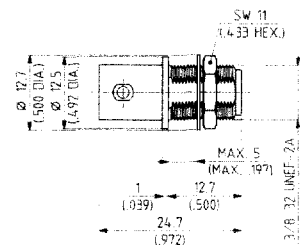
23

TYPE 34 BNC-QLA-01-1

BNC jack
QLA 00 jack

weight 9.0 g/.32 oz.
ident.no. 640971
mounting hole ML 2

material
BNC: brass/SUCO*
QLA 00: brass/SUCO*



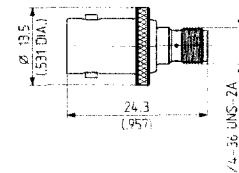
24

TYPE 31 BNC-SMA-50-1

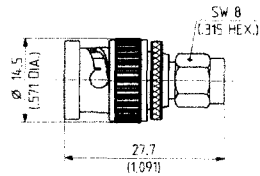
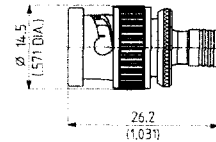
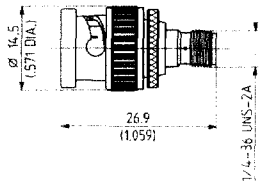
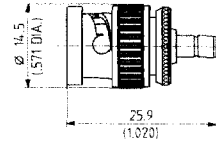
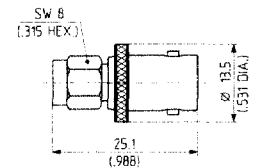
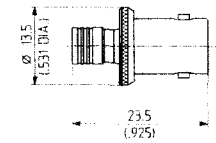
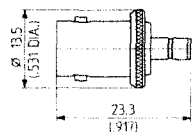
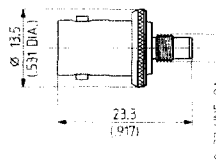
BNC jack
SMA jack

weight 7.0 g/.24 oz.
ident.no. 540551

material
BNC: brass/SUCO*
SMA: CuBe/gold

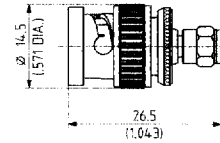


VSWR: DC – 4 GHz: ≤ 1.06 – 0.04 f
MIL A 55339/46-00001

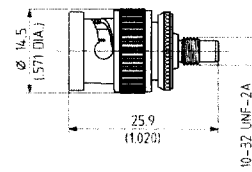
25**TYPE 32 BNC-SMA-50-1****BNC** plug
SMA plugweight 13.0 g/.46 oz.
ident.no. 540572material
BNC: brass/SUCO*
SMA: CuBe/goldVSWR: DC – 4 GHz: $\leq 1.03 + 0.03 f$
MIL A 55339/45-00001**29****TYPE 32 BNC-SMB-50-2****BNC** plug
SMB plugweight 21.1 g/.43 oz.
ident.no. 540574material
BNC: brass/SUCO*
SMB: brass/goldVSWR: DC – 4 GHz: ≤ 1.12 **26****TYPE 33 BNC-SMA-50-1****BNC** plug
SMA jackweight 12.0 g/.42 oz.
ident.no. 540610material
BNC: brass/SUCO*
SMA: CuBe/goldVSWR: DC – 4 GHz: $\leq 1.03 + 0.03 f$
MIL A 55339/44-00001**30****TYPE 33 BNC-SMB-50-2****BNC** plug
SMB jackweight 11.4 g/.40 oz.
ident.no. 540612material
BNC: brass/SUCO*
SMB: brass/goldVSWR: DC – 4 GHz: $\leq 1.06 + 0.04 f$ **27****TYPE 33 SMA-BNC-50-1****SMA** plug
BNC jackweight 8.0 g/.28 oz.
ident.no. 640153material
SMA: CuBe/gold
BNC: brass/SUCO*VSWR: DC – 4 GHz: $\leq 1.05 + 0.0375 f$
MIL A 55339/47-00001**31****TYPE 33 SMB-BNC-50-2****SMB** plug
BNC jackweight 6.6 g/.23 oz.
ident.no. 640396material
SMB: brass/gold
BNC: brass/SUCO*VSWR: DC – 4 GHz: $\leq 1.05 + 0.075 f$ **28****TYPE 31 BNC-SMB-50-2****BNC** jack
SMB jackweight 5.9 g/.21 oz.
ident.no. 540553material
BNC: brass/SUCO*
SMB: brass/goldVSWR: DC – 2 GHz: $\leq 1.03 + 0.095 f$; 2 – 4 GHz: ≤ 1.22 **32****TYPE 31 BNC-SMC-50-2****BNC** jack
SMC jackweight 5.9 g/.21 oz.
ident.no. 540555material
BNC: brass/SUCO*
SMC: brass/goldVSWR: DC – 4 GHz: ≤ 1.22

Material and plating descriptions may refer to the connector housing or outer contact.

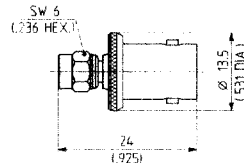
SUCO* = SUCOPLATE[®]

33**TYPE 32 BNC-SMC-50-2****BNC** plug
SMC plugweight 11.9 g/.42 oz.
ident.no. 540576material
BNC: brass/SUCO*
SMC: brass/gold

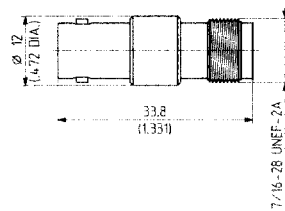
VSWR: DC - 4 GHz: ≤ 1.15

34**TYPE 33 BNC-SMC-50-2****BNC** plug
SMC jackweight 11.4 g/.41 oz.
ident.no. 540616material
BNC: brass/SUCO*
SMC: brass/gold

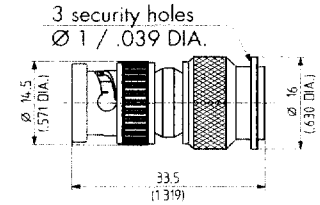
VSWR: DC - 4 GHz: ≤ 1.22

35**TYPE 33 SMC-BNC-50-2****SMC** plug
BNC jackweight 6.4 g/.23 oz.
ident.no. 640405material
SMC: brass/gold
BNC: brass/SUCO*

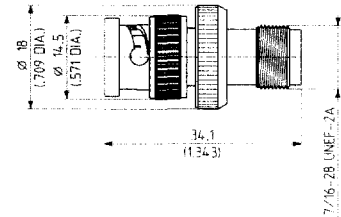
VSWR: DC - 2 GHz: ≤ 1.03 + 0.095 f; 2-4 GHz: ≥ 1.22

36**TYPE 31 BNC-TNC-50-1****BNC** jack
TNC jackweight 14.0 g/.49 oz.
ident.no. 540559material
BNC: brass/SUCO*
TNC: brass/SUCO*

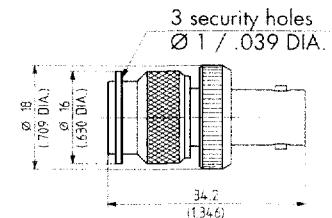
VSWR: DC - 4 GHz: ≤ 1.22

37**TYPE 32 BNC-TNC-50-1****BNC** plug
TNC plugweight 24.0 g/.85 oz.
ident.no. 540582material
BNC: brass/SUCO*
TNC: brass/SUCO*

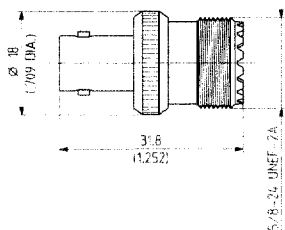
VSWR: DC - 4 GHz: ≤ 1.22

38**TYPE 33 BNC-TNC-50-1****BNC** plug
TNC jackweight 21.0 g/.74 oz.
ident.no. 540614material
BNC: brass/SUCO*
TNC: brass/SUCO*

VSWR: DC - 4 GHz: ≤ 1.22

39**TYPE 33 TNC-BNC-50-1****TNC** plug
BNC jackweight 26.0 g/.92 oz.
ident.no. 640631material
TNC: brass/SUCO*
BNC: brass/SUCO*

VSWR: DC - 4 GHz: ≤ 1.22

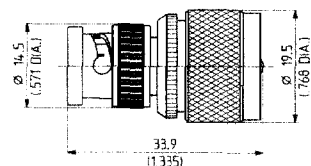
40**TYPE 31 BNC-UHF-0-1****BNC** jack
UHF jackweight 21.0 g/.74 oz.
ident.no. 540562material
BNC: brass/SUCO*
UHF: brass/nickel

41**TYPE 32 BNC-UHF-0-1****BNC** plug
UHF plugweight 27.5 g/.97 oz.
ident.no.540585

material

BNC: brass/SUCO*

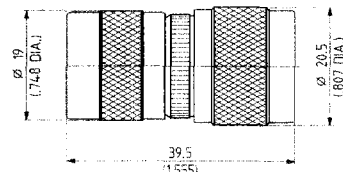
UHF: brass/SUCO*

**45****TYPE 32 C-N-50-1****C** plug
N plugweight 54.0 g/1.90 oz.
ident.no.541305

material

C: brass/SUCO*

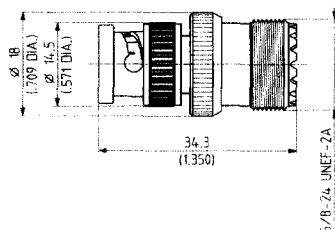
N: bronze/SUCO*

**42****TYPE 33 BNC-UHF-0-1****BNC** plug
UHF jackweight 25.5 g/.90 oz.
ident.no.540621

material

BNC: brass/SUCO*

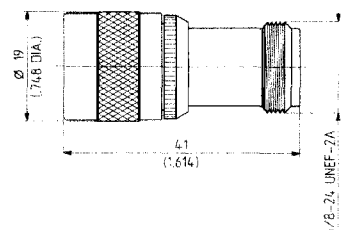
UHF: brass/nickel

**46****TYPE 33 C-N-50-1****C** plug
N jackweight 46.0 g/1.62 oz.
ident.no.541319

material

C: brass/SUCO*

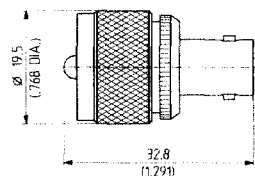
N: brass/SUCO*

**43****TYPE 33 UHF-BNC-0-1****UHF** plug
BNC jackweight 23.0 g/.81 oz.
ident.no.543656

material

UHF: brass/SUCO*

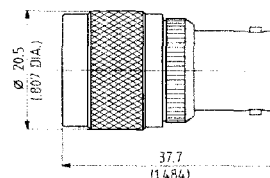
BNC: brass/SUCO*

**47****TYPE 33 N-C-50-1****N** plug
C jackweight 42.0 g/1.48 oz.
ident.no.542417

material

N: bronze/SUCO*

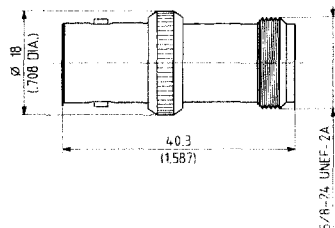
C: brass/SUCO*

**44****TYPE 31 C-N-50-1****C** jack
N jackweight 36.0 g/1.27 oz.
ident.no.641189

material

C: brass/SUCO*

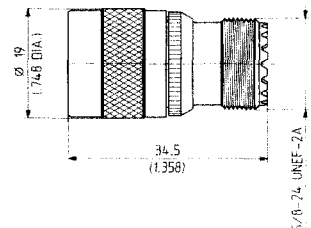
N: brass/SUCO*

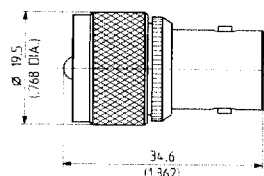
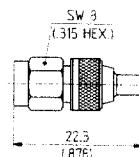
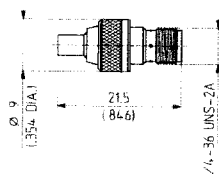
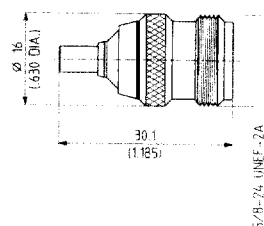
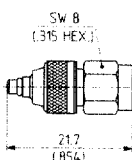
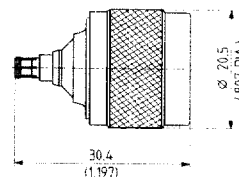
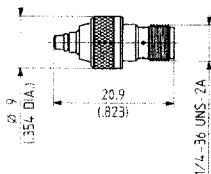
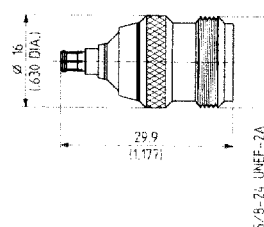
**48****TYPE 33 C-UHF-0-1****C** plug
UHF jackweight 35.5 g/1.25 oz.
ident.no.541324

material

C: brass/SUCO*

UHF: brass/nickel



49**TYPE 33 UHF-C-0-1****UHF** plug
C jackweight 29.0 g/.102 oz.
ident.no. 543660material
UHF: brass/SUCO*
C: brass/SUCO***53****TYPE 33 SMA-MMCX-50-1****SMA** plug
MMCX jackweight 6.4 g/.23 oz.
ident.no. 645969material
SMA: CuBe/gold
MMCX: brass/goldVSWR: DC - 6 GHz: ≤ 1.10 **50****TYPE 31 MMCX-SMA-50-1****MMCX** jack
SMA jackweight 5.7 g/.20 oz.
ident.no. 645961material
MMCX: brass/gold
SMA: CuBe/goldVSWR: DC - 6 GHz: ≤ 1.10 **54****TYPE 31 MCX-N-50-1****MCX** jack
N jackweight 19.6 g/.69 oz.
ident.no. 640172material
MCX: brass/gold
N: brass/SUCO*VSWR: DC - 6 GHz: $\leq 1.03 + 0.03 f$ **51****TYPE 32 MMCX-SMA-50-1****MMCX** plug
SMA plugweight 6.3 g/.22 oz.
ident.no. 645967material
MMCX: brass/gold
SMA: CuBe/goldVSWR: DC - 6 GHz: ≤ 1.10 **55****TYPE 32 MCX-N-50-1****MCX** plug
N plugweight 27.4 g/.97 oz.
ident.no. 543584material
MCX: CuBe/gold
N: bronze/SUCO*VSWR: DC - 6 GHz: $\leq 1.03 + 0.05 f$ **52****TYPE 33 MMCX-SMA-50-1****MMCX** plug
SMA jackweight 5.0 g/.18 oz.
ident.no. 645970material
MMCX: brass/gold
SMA: CuBe/goldVSWR: DC - 6 GHz: ≤ 1.10 **56****TYPE 33 MCX-N-50-1****MCX** plug
N jackweight 19.5 g/.69 oz.
ident.no. 543586material
MCX: CuBe/gold
N: brass/SUCO*VSWR: DC - 3 GHz: $\leq 1.03 + 0.035 f$;
3 - 6 GHz: $\leq 0.555 + 0.19 f$

Material and plating descriptions may refer to the connector housing or outer contact.

SUCO* = SUCOPLATE®

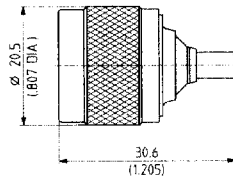
57

TYPE 33 N-MCX-50-1

N plug
MCX jack

weight 27.8 g/.98 oz.
ident.no. 543796

material
N: bronze/SUCO*
MCX: brass/gold



VSWR: DC – 6 GHz: $\leq 1.03 + 0.03 f$

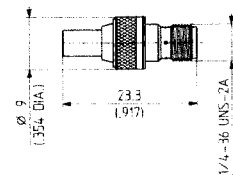
58

TYPE 31 MCX-SMA-50-1

MCX jack
SMA jack

weight 4.9 g/.17 oz.
ident.no. 645485

material
MCX: brass/gold
SMA: CuBe/gold



VSWR: DC – 6 GHz: $\leq 1.03 - 0.03 f$

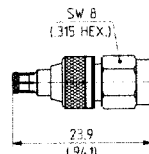
59

TYPE 32 MCX-SMA-50-1

MCX plug
SMA plug

weight 6.1 g/.22 oz.
ident.no. 645486

material
MCX: CuBe/gold
SMA: CuBe/gold



VSWR: DC – 1.5 GHz: ≤ 1.06 ; 1.5 – 6 GHz: ≤ 1.22

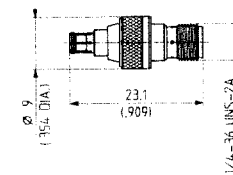
60

TYPE 33 MCX-SMA-50-1

MCX plug
SMA jack

weight 11.5 g/.41 oz.
ident.no. 645487

material
MCX: CuBe/gold
SMA: CuBe/gold



VSWR: DC – 4 GHz: $\leq 1.03 + 0.03 f$

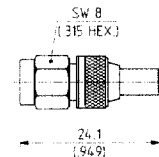
61

TYPE 33 SMA-MCX-50-1

SMA plug
MCX jack

weight 6.2 g/.22 oz.
ident.no. 645488

material
SMA: CuBe/gold
MCX: brass/gold



VSWR: DC – 4 GHz: $\leq 1.03 + 0.03 f$

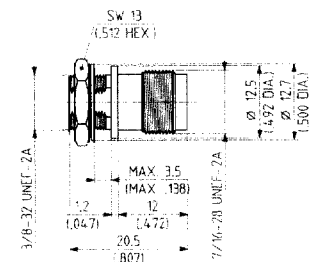
62

TYPE 34 MCX-TNC-50-1
panel adaptor

MCX jack
TNC jack

weight 9.8 g/.35 oz.
ident.no. 641905

material
MCX: brass/SUCO*
TNC: brass/SUCO*
mounting hole ML 2



VSWR: DC – 6 GHz: $\leq 1.07 + 0.07 f$

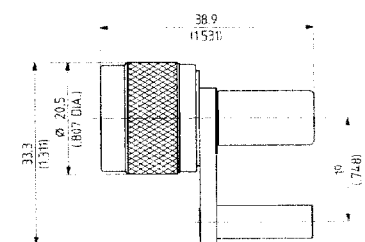
63

TYPE 33 N-A-0-1
N-A (4 mm/.157 in. Banana)

N plug
A jack

weight 36.0 g/1.27 oz.
ident.no. 542411

material
N: bronze/SUCO*
A: brass/silver



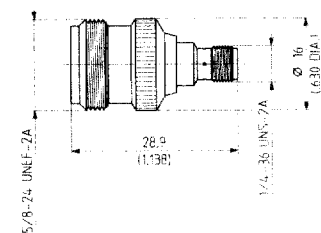
64

TYPE 31 N-SMA-50-1

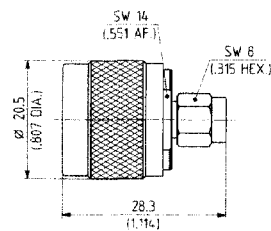
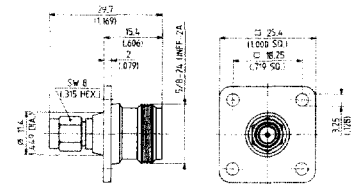
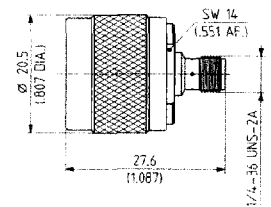
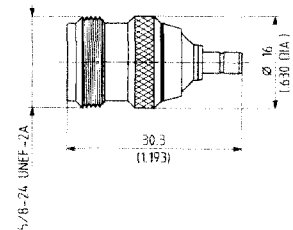
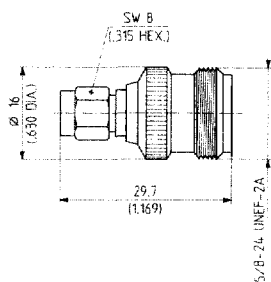
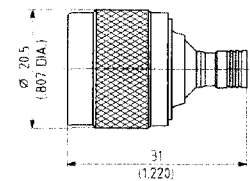
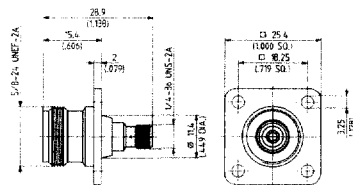
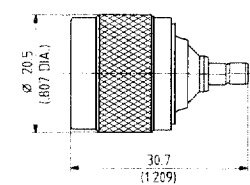
N jack
SMA jack

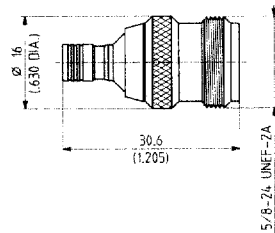
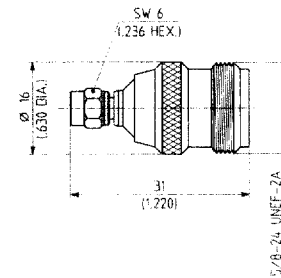
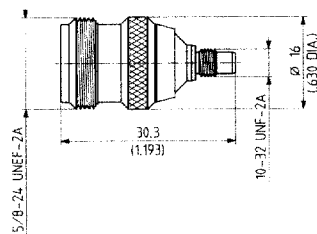
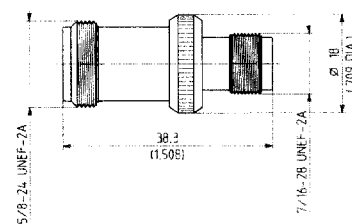
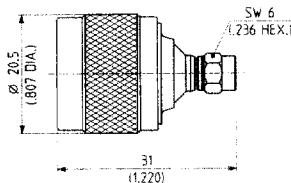
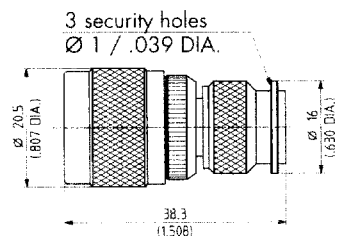
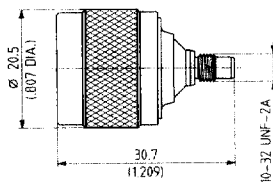
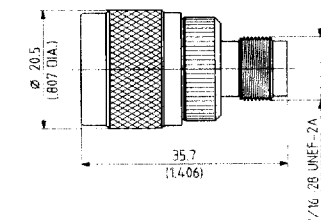
weight 21.0 g/.74 oz.
ident.no. 542386

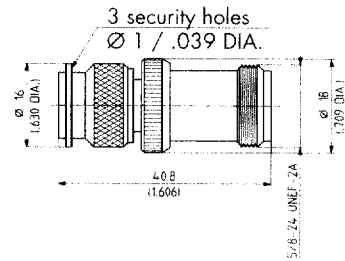
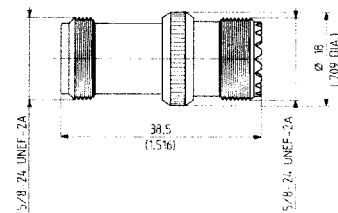
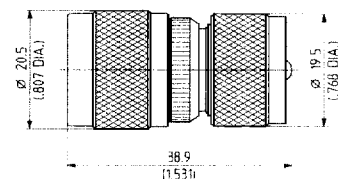
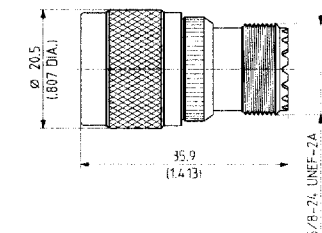
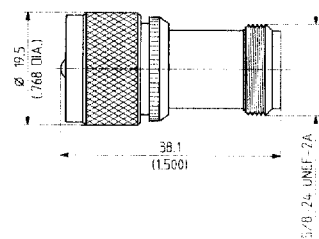
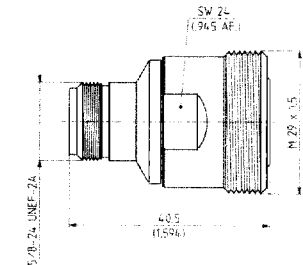
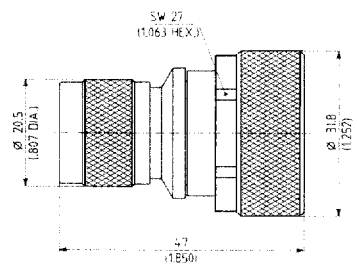
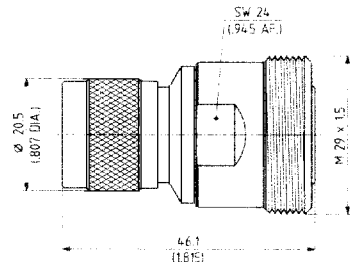
material
N: brass/SUCO*
SMA: CuBe/gold



VSWR: DC – 12.4 GHz: $\leq 1.05 + 0.015 f$

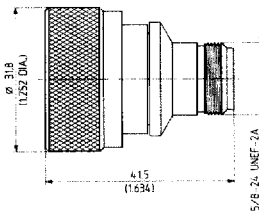
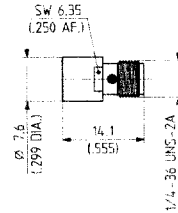
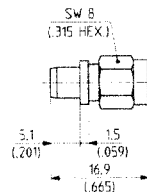
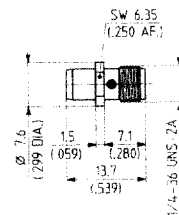
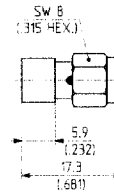
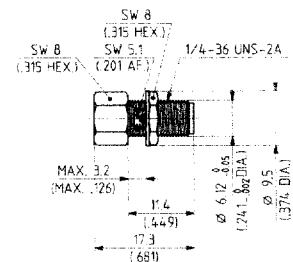
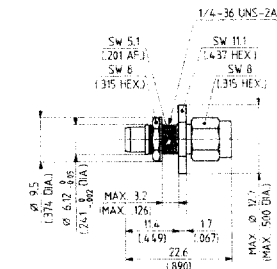
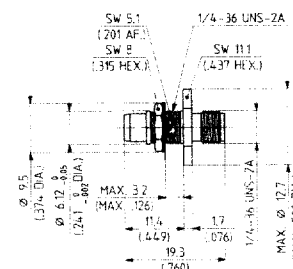
65**TYPE 32 N-SMA-50-1****N** plug
SMA plugweight 30.0 g / 1.06 oz.
ident.no. 542399material
N: CuBe/gold
SMA: CuBe/goldVSWR: DC – 12.4 GHz: $\leq 1.05 + 0.017$ **69****TYPE 39 SMA-N-50-1**
panel adaptor**SMA** plug
N jackweight 28.0 g / .99 oz.
ident.no. 640156material
SMA: CuBe/gold
N: brass/SUCO*
mounting hole ML 13/14VSWR: DC – 12.4 GHz: $\leq 1.05 + 0.015 f$ **66****TYPE 33 N-SMA-50-1****N** plug
SMA jackweight 29.0 g / 1.02 oz.
ident.no. 542421material
N: CuBe/gold
SMA: CuBe/goldVSWR: DC – 12.4 GHz: $\leq 1.05 + 0.015 f$ **70****TAPE 31 N-SMB-50-1****N** jack
SMB jackweight 19.5 g / .69 oz.
ident.no. 542387material
N: brass/SUCO*
SMB: brass/goldVSWR: DC – 4 GHz: $\leq 1.03 + 0.04 f$ **67****TYPE 33 SMA-N-50-1****SMA** plug
N jackweight 22.0 g / .78 oz.
ident.no. 640154material
SMA: CuBe/gold
N: brass/SUCO*VSWR: DC – 12.4 GHz: $\leq 1.05 + 0.015 f$ **71****TYPE 32 N-SMB-50-1****N** plug
SMB plugweight 27.5 g / .97 oz.
ident.no. 542400material
N: bronze/SUCO*
SMB: brass/goldVSWR: DC – 4 GHz: $\leq 1.03 + 0.04 f$ **68****TYPE 37 N-SMA-50-1**
panel adaptor**N** jack
SMA jackweight 2.07 g / .95 oz.
ident.no. 543458material
N: brass/SUCO*
SMA: CuBe/gold
mounting hole 13/14VSWR: DC – 12.4 GHz: $\leq 1.05 + 0.015 f$ **72****TYPE 33 N-SMB-50-1****N** plug
SMB jackweight 27.0 g / .95 oz.
ident.no. 542422material
N: bronze/SUCO*
SMB: brass/goldVSWR: DC – 4 GHz: $\leq 1.03 + 0.08 f$; 3 – 4 GHz: ≤ 1.27

73**TYPE 33 SMB-N-50-1****SMB** **plug**
N **jack**weight 21.0 g/.74 oz.
ident.no. 640394material
SMB: brass/gold
N: brass/SUCO*VSWR: DC – 4 GHz: $\leq 1.06 + 0.04 f$ **77****TYPE 33 SMC-N-50-1****SMC** **plug**
N **jack**weight 21.0 g/.74 oz.
ident.no. 640406material
SMC: brass/gold
N: brass/SUCO*VSWR: DC – 10 GHz: $\leq 1.03 + 0.04 f$ **74****TYPE 31 N-SMC-50-1****N** **jack**
SMC **jack**weight 19.5 g/.69 oz.
ident.no. 542389material
N: brass/SUCO*
SMC: brass/goldVSWR: DC – 2 GHz: ≤ 1.10 ; 2 – 4 GHz: ≤ 1.20 ;
4 – 10 GHz: ≤ 1.50 **78****TYPE 31 N-TNC-50-1****N** **jack**
TNC **jack**weight 31.0 g/1.09 oz.
ident.no. 542392material
N: brass/SUCO*
TNC: brass/SUCO*VSWR: DC – 7 GHz: $\leq 1.06 + 0.12 f$; 7 – 11 GHz: ≤ 1.90 **75****TYPE 32 N-SMC-50-1****N** **plug**
SMC **plug**weight 27.5 g/.97 oz.
ident.no. 542402material
N: bronze/SUCO*
SMC: brass/goldVSWR: DC – 10 GHz: $\leq 1.03 + 0.04 f$ **79****TYPE 32 N-TNC-50-1****N** **plug**
TNC **plug**weight 46.0 g/1.62 oz.
ident.no. 542406material
N: bronze/SUCO*
TNC: brass/SUCO*VSWR: DC – 11 GHz: $\leq 1.06 + 0.11 f$ **76****TYPE 33 N-SMC-50-1****N** **plug**
SMC **jack**weight 27.0 g/.95 oz.
ident.no. 542423material
N: bronze/SUCO*
SMC: brass/goldVSWR: DC – 10 GHz: $\leq 1.03 + 0.04 f$ **80****TYPE 33 N-TNC-50-1****N** **plug**
TNC **jack**weight 39.0 g/1.38 oz.
ident.no. 542427material
N: bronze/SUCO*
TNC: brass/SUCO*VSWR: DC – 11 GHz: $\leq 1.13 + 0.02 f$

81**TYPE 33 TNC-N-50-1****TNC** plug
N jackweight 40.0 g/1.41 oz.
ident.no.640637material
TNC: brass/SUCO*
N: brass/SUCO*VSWR: DC – 3 GHz: ≤ 1.05 ; 3 – 5.5 GHz: ≤ 1.18 ;
5.5 – 11 GHz: ≤ 2.00 **82****TYPE 31 N-UHF-0-1****N** jack
UHF jackweight 35.0 g/1.23 oz.
ident.no.542394material
N: brass/SUCO*
UHF: brass/nickel**83****TYPE 32 N-UHF-0-1****N** plug
UHF plugweight 47.0 g/1.66 oz.
ident.no.542408material
N: bronze/SUCO*
UHF: brass/nickel**84****TYPE 33 N-UHF-0-1****N** plug
UHF jackweight 41.0 g/1.45 oz.
ident.no.542429material
N: bronze/SUCO*
UHF: brass/nickel**85****TYPE 33 UHF-N-0-1****UHF** plug
N jackweight 37.0 g/1.31 oz.
ident.no.543669material
UHF: brass/SUCO*
N: brass/SUCO***86****TYPE 31 N-716-50-1****N** jack
7/16 jackweight 88.0 g/3.10 oz.
ident.no.640869material
N: brass/SUCO*
7/16: brass/SUCO*VSWR: DC – 7.5 GHz: $\leq 1.03 + 0.02 f$ **87****TYPE 32 N-716-50-1****N** plug
7/16 plugweight 115 g/4.06 oz.
ident.no.544576material
N: bronze/SUCO*
7/16: brass/silverVSWR: DC – 7.5 GHz: $\leq 1.03 + 0.02 f$ **88****TYPE 33 N-716-50-1****N** plug
7/16 jackweight 110 g/3.88 oz.
ident.no.641229material
N: bronze/SUCO*
7/16: brass/SUCO*VSWR: DC – 7.5 GHz: $\leq 1.03 + 0.02 f$

Material and plating descriptions may refer to the connector housing or outer contact.

SUCO* = SUCOPLATE[®]

89**TYPE 33 716-N-50-1****7/16 N plug jack**weight 95.0 g / 3.35 oz.
ident.no. 544119material
7/16: brass/silver
N: brass/SUCO*VSWR: DC - 7.5 GHz: $\leq 1.03 + 0.02 f$ **90****TYPE 31 BMA-SMA-50-1****BMA SMA jack**weight 3.2 g / .11 oz.
ident.no. 645642material
BMA: stainless steel
SMA: stainless steelVSWR: DC - 9 GHz: $\leq 1.067 + 0.017f$; 9 - 18 GHz: ≤ 1.22 **91****TYPE 32 BMA-SMA-50-1****BMA SMA plug plug**weight 4.2 g / .15 oz.
ident.no. 645643material
BMA: stainless steel
SMA: stainless steelVSWR: DC - 9 GHz: $\leq 1.067 + 0.017f$; 9 - 18 GHz: ≤ 1.22 **92****TYPE 33 BMA-SMA-50-1****BMA SMA plug jack**weight 2.7 g / .10 oz.
ident.no. 645644material
BMA: stainless steel
SMA: stainless steelVSWR: DC - 18 GHz: $\leq 1.05 + 0.005 f$ **93****TYPE 33 SMA-BMA-50-1****SMA BMA plug jack**weight 4.7 g / .17 oz.
ident.no. 645645material
SMA: stainless steel
BMA: stainless steelVSWR: DC - 8 GHz: $\leq 1.06 + 0.006 f$ **94****TYPE 34 BMA-SMA-50-2****BMA SMA jack**weight 4.3 g / .15 oz.
ident.no. 645650material
BMA: stainless steel
SMA: stainless steel
mounting hole ML 56VSWR: DC - 18 GHz: $\leq 1.05 + 0.005 f$ **95****TYPE 35 BMA-SMA-50-1****BMA SMA plug plug**weight 6.3 g / .22 oz.
ident.no. 645647material
BMA: stainless steel
SMA: stainless steel
mounting hole ML 56VSWR: DC - 18 GHz: $\leq 1.05 + 0.005 f$ **96****TYPE 36 BMA-SMA-50-1****BMA SMA plug jack**weight 4.7 g / .17 oz.
ident.no. 645651material
BMA: stainless steel
SMA: stainless steel
mounting hole ML 56VSWR: DC - 18 GHz: $\leq 1.03 + 0.015 f$

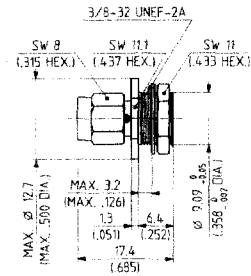
97

TYPE 36 SMA-BMA-50-1

SMA plug
BMA jack

weight 7.5 g/.27 oz.
ident.no. 645652

material
SMA: stainless steel
BMA: stainless steel
mounting hole ML 57



VSWR: DC - 18 GHz: $\leq 1.05 + 0.005 f$

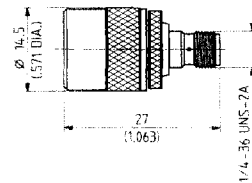
101

TYPE 33 TNC-SMA-50-1

TNC plug
SMA jack

weight 16.0 g/.56 oz.
ident.no. 640940

material
TNC: brass/SUCO*
SMA: CuBe/gold
MIL A 55339/42-50001



VSWR: DC - 2 GHz: ≤ 1.05 ; 2 - 4 GHz: ≤ 1.10 ;
4 - 8 GHz: ≤ 1.20 ; 8 - 10 GHz: ≤ 1.30

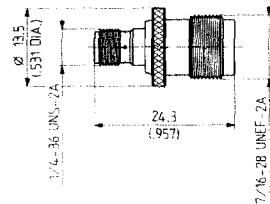
98

TYPE 31 SMA-TNC-50-1

SMA jack
TNC jack

weight 7.0 g/.25 oz.
ident.no. 640941

material
SMA: CuBe/gold
TNC: brass/SUCO*
MIL A 55339/41-50001



VSWR: DC - 1 GHz: ≤ 1.05 ; 1 - 2 GHz: ≤ 1.10 ;
2 - 6 GHz: ≤ 1.20 ; 6 - 10 GHz: ≤ 1.30

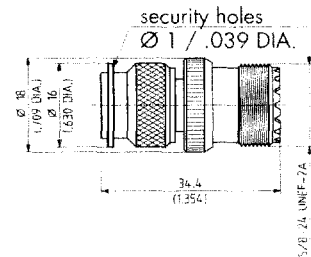
102

TYPE 33 TNC-UHF-0-1

TNC plug
UHF jack

weight 30.0 g/1.06 oz.
ident.no. 640641

material
TNC: brass/SUCO*
UHF: brass/nickel



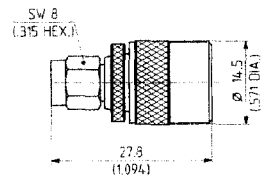
99

TYPE 32 SMA-TNC-50-1

SMA plug
TNC plug

weight 17.0 g/.60 oz.
ident.no. 640938

material
SMA: CuBe/gold
TNC: brass/SUCO*



VSWR: DC - 2 GHz: ≤ 1.05 ; 2 - 4 GHz: ≤ 1.10 ;
4 - 8 GHz: ≤ 1.20 ; 8 - 10 GHz: ≤ 1.30

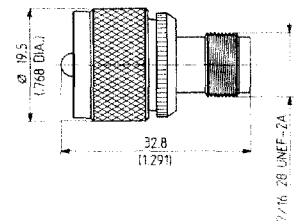
103

TYPE 33 UHF-TNC-0-1

UHF plug
TNC jack

weight 24.0 g/.85 oz.
ident.no. 641038

material
UHF: brass/SUCO*
TNC: brass/SUCO*



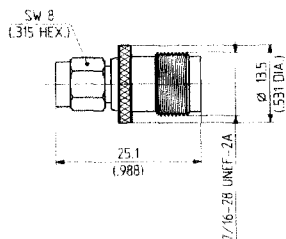
100

TYPE 33 SMA-TNC-50-1

SMA plug
TNC jack

weight 8.0 g/.28 oz.
ident.no. 640939

material
SMA: CuBe/gold
TNC: brass/SUCO*
MIL A 55339/50-50101



VSWR: DC - 11 GHz: $\leq 1.03 + 0.025 f$

Material and plating descriptions may refer to the connector housing or outer contact.

SUCO* = SUCOPLATE®

Precision Adaptors

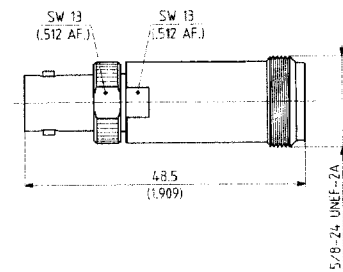
150

TYPE 31 BNC-N-50-51

BNC jack
N jack

weight 36 g/1.27 oz.
ident.no. 544049

material
BNC: stainless steel
N: stainless steel



VSWR: DC – 4 GHz: $\leq 1.05 + 0.01 f$

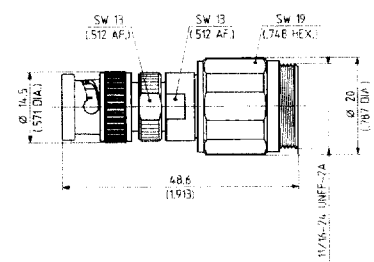
154

TYPE 32 BNC-PC7-50-1

BNC plug
PC7 plug

weight 49 g/1.73 oz.
ident.no. 544047

material
BNC: stainless steel
PC7: brass/gold



VSWR: DC – 4 GHz: $\leq 1.02 + 0.006 f$

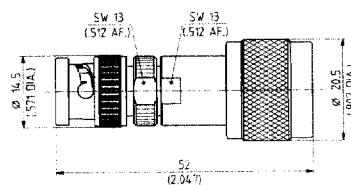
151

TYPE 32 BNC-N-50-51

BNC plug
N plug

weight 49 g/1.73 oz.
ident.no. 544051

material
BNC: stainless steel
N: stainless steel



VSWR: DC – 4 GHz: $\leq 1.05 + 0.01 f$

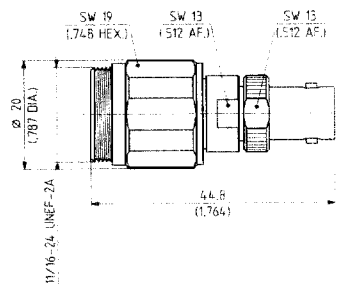
155

TYPE 33 PC7-BNC-50-1

PC7 jack
BNC jack

weight 43 g/1.52 oz.
ident.no. 543918

material
PC7: brass/gold
BNC: stainless steel



VSWR: DC – 4 GHz: $\leq 1.02 + 0.006 f$

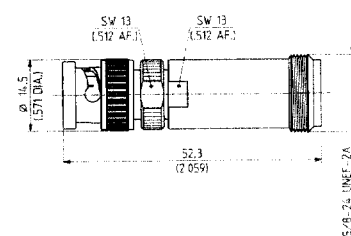
152

TYPE 33 BNC-N-50-51

BNC plug
N jack

weight 42 g/1.48 oz.
ident.no. 544052

material
BNC: stainless steel
N: stainless steel



VSWR: DC – 4 GHz: $\leq 1.05 + 0.01 f$

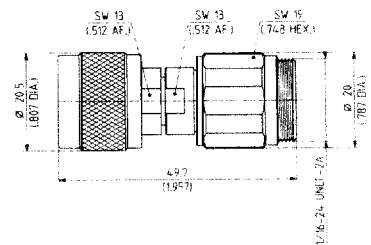
156

TYPE 32 N-PC7-50-1

N plug
PC7 plug

weight 63 g/2.22 oz.
ident.no. 543571

material
N: stainless steel
PC7: brass/gold



VSWR: DC – 18 GHz: $\leq 1.02 + 0.002 f$

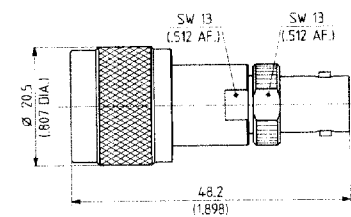
153

TYPE 33 N-BNC-50-51

N plug
BNC jack

weight 43 g/1.52 oz.
ident.no. 544050

material
N: stainless steel
BNC: stainless steel



VSWR: DC – 4 GHz: $\leq 1.05 + 0.01 f$

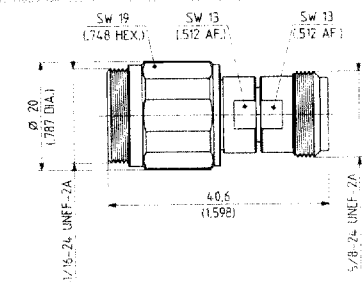
157

TYPE 33 PC7-N-50-1

PC7 jack
N jack

weight 47 g/1.66 oz.
ident.no. 543547

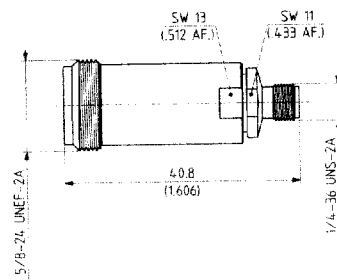
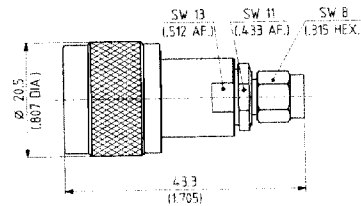
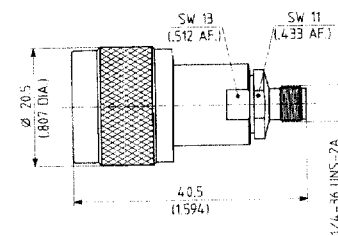
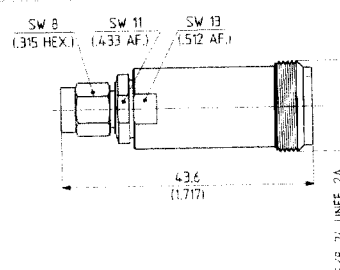
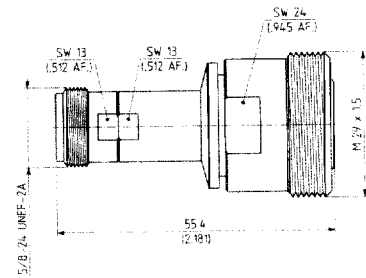
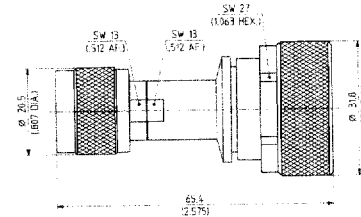
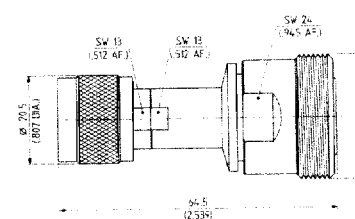
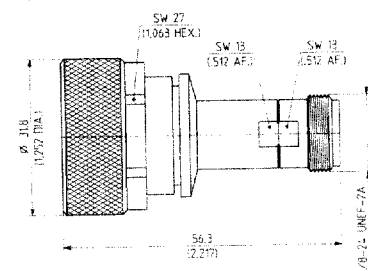
material
PC7: brass/gold
N: stainless steel



VSWR: DC – 18 GHz: $\leq 1.02 + 0.002 f$

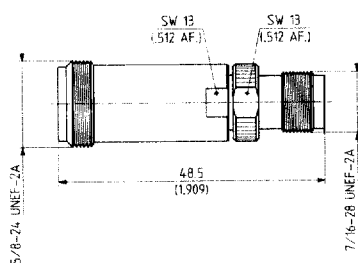
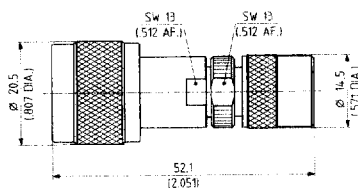
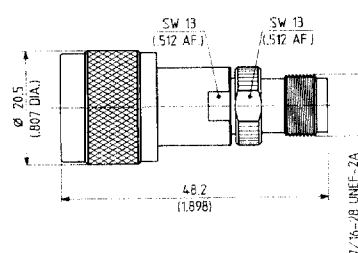
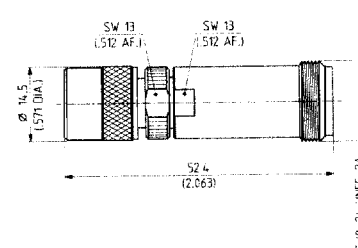
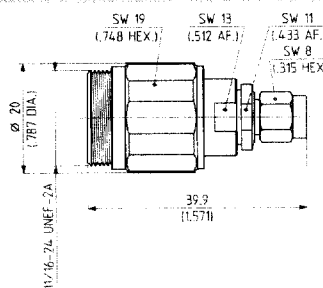
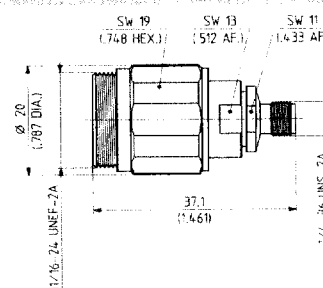
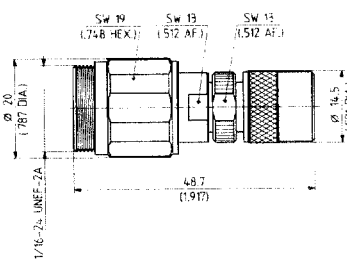
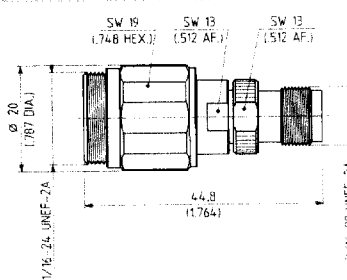
Material and plating descriptions may refer to the connector housing or outer contact.

SUCO* = SUCOPLATE®

158**TYPE 31 N-SMA-50-51****N** jack
SMA jackweight 31 g/1.09 oz.
ident.no. 543928material
N: stainless steel
SMA: CuBe/goldVSWR: DC – 18 GHz: $\leq 1.025 + 0.007 f$ **159****TYPE 32 N-SMA-50-51****N** plug
SMA plugweight 40 g/1.41 oz.
ident.no. 543916material
N: stainless steel
SMA: CuBe/goldVSWR: DC – 18 GHz: $\leq 1.025 + 0.007 f$ **160****TYPE 33 N-SMA-50-51****N** plug
SMA jackweight 38 g/1.34 oz.
ident.no. 543925material
N: stainless steel
SMA: CuBe/goldVSWR: DC – 18 GHz: $\leq 1.025 + 0.007 f$ **161****TYPE 33 SMA-N-50-51****SMA** plug
N jackweight 33 g/1.16 oz.
ident.no. 543926material
SMA: CuBe/gold
N: stainless steelVSWR: DC – 18 GHz: $\leq 1.025 + 0.007 f$ **162****TYPE 31 N-716-50-51****N** jack
7/16 jackweight 105 g/3.70 oz.
ident.no. 544129material
N: stainless steel
7/16: brass/SUCO*VSWR: DC – 7.5 GHz: $\leq 1.033 + 0.0036 f$ **163****TYPE 32 N-716-50-51****N** plug
7/16 plugweight 125 g/4.41 oz.
ident.no. 544127material
N: stainless steel
7/16: brass/silverVSWR: DC – 7.5 GHz: $\leq 1.033 + 0.0036 f$ **164****TYPE 33 N-716-50-51****N** plug
7/16 jackweight 120 g/4.23 oz.
ident.no. 544123material
N: stainless steel
7/16: brass/SUCO*VSWR: DC – 7.5 GHz: $\leq 1.033 + 0.0036 f$ **165****TYPE 33 716-N-50-51****7/16** plug
N jackweight 110 g/3.88 oz.
ident.no. 544125material
7/16: brass/silver
N: stainless steelVSWR: DC – 7.5 GHz: $\leq 1.033 + 0.0036 f$

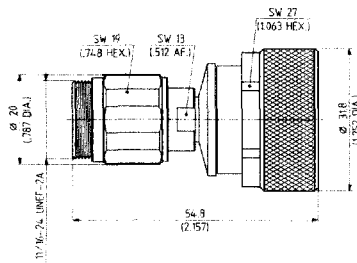
Material and plating descriptions may refer to the connector housing or outer contact.

SUCO* = SUCOPLATESM

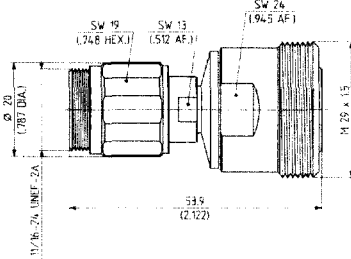
166**TYPE 31 N-TNC-50-51****N** jack
TNC jackweight 36 g/1.27 oz.
ident.no.543954material
N: stainless steel
TNC: stainless steelVSWR: DC – 12.4 GHz: $\leq 1.05 + 0.01 f$ **167****TYPE 32 N-TNC-50-51****N** plug
TNC plugweight 52 g/1.83 oz.
ident.no.543953material
N: stainless steel
TNC: stainless steelVSWR: DC – 12.4 GHz: $\leq 1.05 + 0.01 f$ **168****TYPE 33 N-TNC-50-51****N** plug
TNC jackweight 43 g/1.52 oz.
ident.no.543955material
N: stainless steel
TNC: stainless steelVSWR: DC – 12.4 GHz: $\leq 1.05 + 0.01 f$ **169****TYPE 33 TNC-N-50-51****TNC** plug
N jackweight 45 g/1.59 oz.
ident.no.544046material
TNC: stainless steel
N: stainless steelVSWR: DC – 12.4 GHz: $\leq 1.05 + 0.01 f$ **170****TYPE 32 PC7-SMA-50-1****PC7** plug
SMAweight 41 g/1.45 oz.
ident.no.543546material
PC7: brass/gold
SMA: CuBe/goldVSWR: DC – 18 GHz: $\leq 1.025 + 0.002 f$ **171****TYPE 33 PC7-SMA-50-1****PC7** jack
SMAweight 40 g/1.41 oz.
ident.no.543548material
PC7: brass/SUCO*
SMA: CuBe/goldVSWR: DC – 18 GHz: $\leq 1.025 + 0.002 f$ **172****TYPE 32 PC7-TNC-50-1****PC7** plug
TNCweight 53 g/1.87 oz.
ident.no.544048material
PC7: brass/gold
TNC: stainless steelVSWR: DC – 12.4 GHz: $\leq 1.02 + 0.006 f$ **173****TYPE 33 PC7-TNC-50-1****PC7** jack
TNCweight 44 g/1.55 oz.
ident.no.544053material
PC7: brass/gold
TNC: stainless steelVSWR: DC – 12.4 GHz: $\leq 1.02 + 0.006 f$

Material and plating descriptions may refer to the connector housing or outer contact.

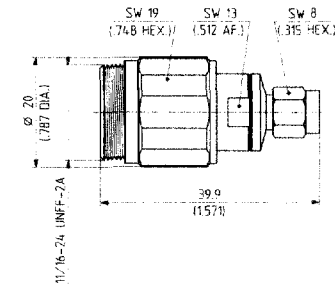
SUCO* = SUCOPLATE®

174**TYPE 32 PC7-716-50-1****PC7**
7/16 plugweight 120 g/4.23 oz.
ident.no.544128material
PC7: brass/gold
7/16: brass/silver

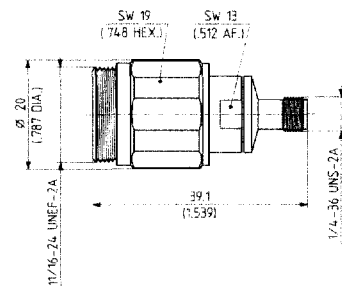
VSWR: DC – 4 GHz: ≤ 1.05; 4 – 7.5 GHz: ≤ 1.10

175**TYPE 33 PC7-716-50-1****PC7**
7/16 jackweight 115 g/4.06 oz.
ident.no.544126material
PC7: brass/gold
7/16: brass/SUCO*

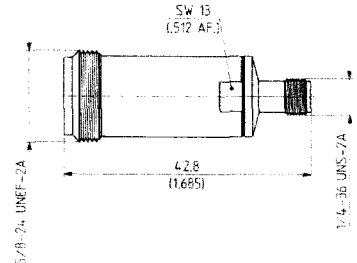
VSWR: DC – 4 GHz: ≤ 1.05; 4 – 7.5 GHz: ≤ 1.10

176**TYPE 32 PC7-PC3.5-50-1****PC7**
PC3.5 plugweight 41 g/1.45 oz.
ident.no.644230material
PC7: brass/gold
PC3.5: stainless steel

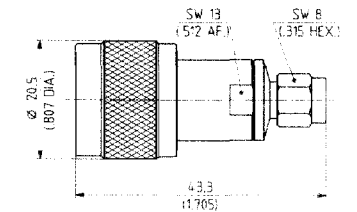
VSWR: DC – 18 GHz: ≤ 1.05

177**TYPE 33 PC7-PC3.5-50-1****PC7**
PC3.5 jackweight 39 g/1.38 oz.
ident.no.644231material
PC7: brass/gold
PC3.5: stainless steel

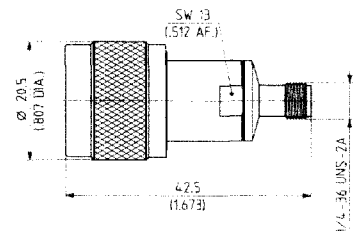
VSWR: DC – 18 GHz: ≤ 1.05

178**TYPE 31 N-PC3.5-50-1****N**
PC3.5 jackweight 33 g/1.16 oz.
ident.no.643960material
N: stainless steel
PC3.5: stainless steel

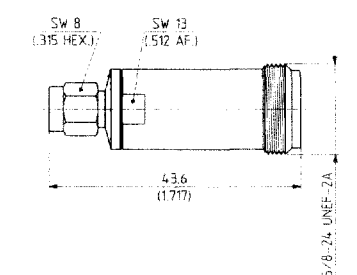
VSWR: DC – 12.4 GHz: ≤ 1.10; 12.4 – 18 GHz: ≤ 1.15

179**TYPE 32 N-PC3.5-50-1****N**
PC3.5 plugweight 42 g/1.48 oz.
ident.no.643957material
N: stainless steel
PC3.5: stainless steel

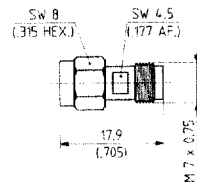
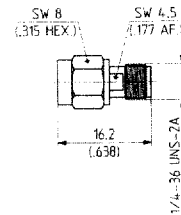
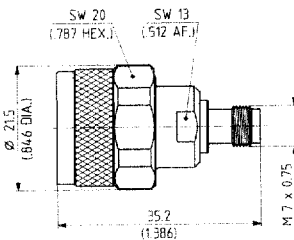
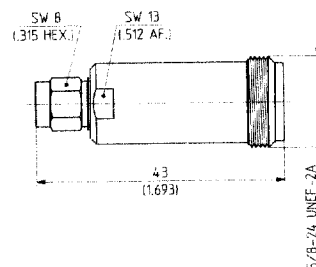
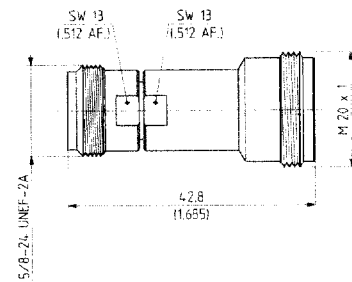
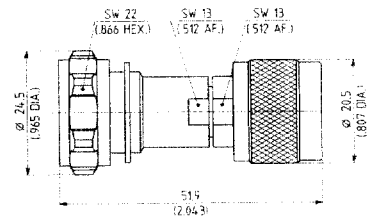
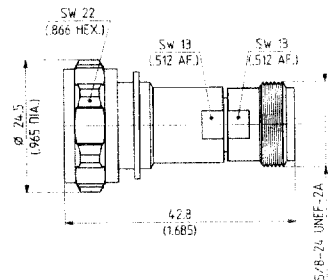
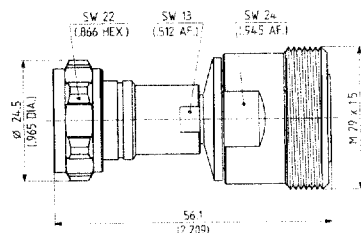
VSWR: DC – 12.4 GHz: ≤ 1.10; 12.4 – 18 GHz: ≤ 1.15

180**TYPE 33 N-PC3.5-50-1****N**
PC3.5 plugweight 40 g/1.41 oz.
ident.no.643959material
N: stainless steel
PC3.5: stainless steel

VSWR: DC – 12.4 GHz: ≤ 1.10; 12.4 – 18 GHz: ≤ 1.15

181**TYPE 33 PC3.5-N-50-1****PC3.5**
N jackweight 35 g/1.23 oz.
ident.no.643958material
PC3.5: stainless steel
N: stainless steel

VSWR: DC – 12.4 GHz: ≤ 1.10; 12.4 – 18 GHz: ≤ 1.15

182**TYPE 33 K-PC2.4-50-51****K** **plug**
PC2.4 **jack**weight
ident.no. 649931material
K: stainless steel
PC2.4: stainless steelVSWR: DC – 40 GHz: ≤ 1.12 **183****TYPE 33 PC2.4-K-50-1****PC2.4** **plug**
K **jack**weight
ident.no. 650162material
PC2.4: stainless steel
K: stainless steelVSWR: DC – 60 GHz: ≤ 1.12 **184****TYPE 33 N-PC2.4-50-1****N** **plug**
PC2.4 **jack**weight 34 g/1.19 oz.
ident.no. 649932material
N: stainless steel
PC2.4: stainless steelVSWR: DC – 18 GHz: ≤ 1.05 **185****TYPE 33 PC2.4-N-50-1****PC2.4** **plug**
N **jack**weight 34 g/1.19 oz.
ident.no. 650021material
PC2.4: stainless steel
N: stainless steelVSWR: DC – 18 GHz: ≤ 1.05 **186****TYPE 31 N-4195-50-12****N** **jack**
4.1/9.5 **jack**weight 46 g/1.61 oz.
ident.no. 646160material
N: stainless steel
4.1/9.5: brass/SUCO*VSWR: DC – 6 GHz: ≤ 1.05 ; 6 – 14 GHz: ≤ 1.12 **187****TYPE 32 4195-N-50-1****4.1/9.5** **plug**
N **plug**weight 64 g/2.24 oz.
ident.no. 650781material
4.1/9.5: brass/SUCO*
N: stainless steelVSWR: DC – 14 GHz: ≤ 1.06 **188****TYPE 33 4195-N-50-1****4.1/9.5** **plug**
N **jack**weight 47 g/1.65 oz.
ident.no. 646154material
4.1/9.5: brass/SUCO*
N: stainless steelVSWR: DC – 14 GHz: ≤ 1.06 **189****TYPE 33 4195-716-50-1****4.1/9.5** **plug**
7/16 **jack**weight
ident.no. 650069material
4.1/9.5: brass/silver
7/16: brass/silverVSWR: DC – 7.5 GHz: ≤ 1.28

Material and plating descriptions may refer to the connector housing or outer contact.

SUCO* = SUCOPLATE[®]