

COAXIAL COUPLERS

6.4 DIRECTIONAL HIGH POWER COAXIAL COUPLERS

RF CHARACTERISTICS

RADIALL PART NUMBER	FREQUENCY RANGE (GHz)	COUPLING (dB)	FREQUENCY SENSITIVITY ± (dB)	INSERTION LOSS (dB)	DIRECTIVITY (dB)	VSWR	INPUT POWER		FIGURE
							AVERAGE (W) (1)	PEAK (KW) (2)	
R 432 957	6-18	30 ± 1	1	0.5	15	1.30/1.40	100	2.5	1
R 432 959	6-18	40 ± 1	1	0.5	15	1.30/1.40	100	2.5	1
R 433 955	2-8	30 ± 1	0.5	0.25	16	1.30/1.40	300	2.5	2
R 433 956	2-8	40 ± 1	0.5	0.25	16	1.30/1.40	300	2.5	2
R 433 967	6-18	30 ± 1	0.7	0.5	12/10 (3)	1.40/1.60	400	3	3
R 433 969	6-18	40 ± 1	0.7	0.5	12/10 (3)	1.40/1.60	400	3	3

Notes : (1) at 25°C
 (2) at 25°C (1µs-duty cycle 1%)
 (3) 6-15GHz/15-18GHz
 (4) main line/coupled line

MECHANICAL CHARACTERISTICS

CONSTRUCTION	SPLASHPROOF
RF CONNECTORS	SMA PER MIL C 39012

ENVIRONMENTAL CHARACTERISTICS (In accordance with MIL STD 202)

OPERATING TEMPERATURE RANGE	-40/+85°C
STORAGE TEMPERATURE RANGE	-55/+100°C
VIBRATION (MIL STD 202)	METHOD 204 cond D (10-2000/20G)
SHOCK (MIL STD 202)	METHOD 213 cond C (100G/6mS)

COAXIAL COUPLERS

OUTLINE DRAWINGS

GENERAL TOLERANCE ± 0.5 mm

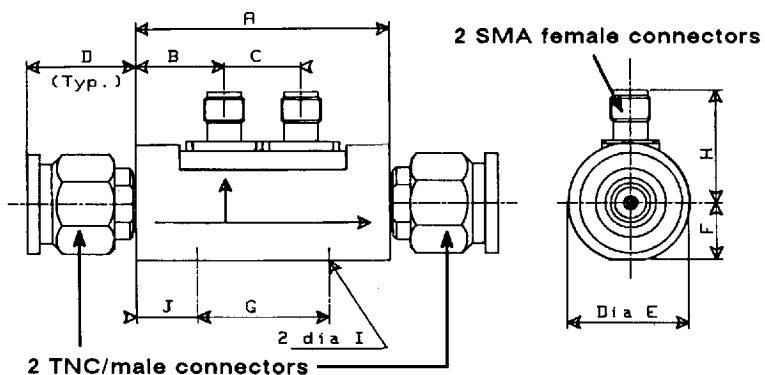


FIGURE 1

FIG.1

A	39
B	14
C	11.6
D	17.5
E	19
F	9
G	20.6
H	18
I	M 3 ISO Depth 3.5
J	9.2

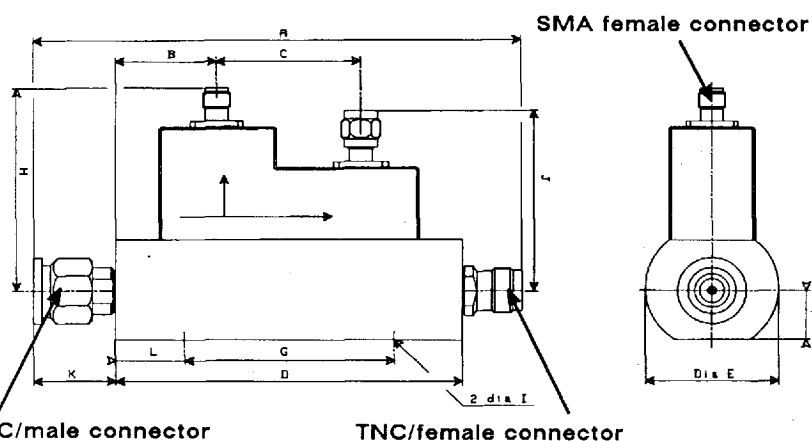


FIGURE 2

FIGURE 3

FIG.2

FIG.3

A	146	113.5
B	25.7	23.3
C	62.6	33
D	114	79.6
E	30	30
F	11.9	11.9
G	76.2	48.4
H	41.8	50
I	M 5 ISO Depth 5	M 5 ISO Depth 5
J	53	43.8
K	17.5	19
L	18.9	15.6