

QUICK CONNECT (CO-AX)

The *ULTEMate* electrical connection solution for harsh environments.

Being constructed from Ultem®, a high temperature and corrosion resistant composite material, makes this the '*ULTEMate*' electrical connection solution. The Quick Connect series co-ax composite connector is chemical resistant and environmentally sealed up to IP68. It is ideal for the most rigorous applications.

FEATURES

- Quick latch mechanism
- Contacts use lock nut and soldered conductors
- Universal mounting
- Choice of cable gland & over moulding options
- Standard sealing O-ring
- Constructed from Ultem®, a high temperature resistant composite material
- Meets UL94 Class V-0 flammability requirements
- Can be sealed against dust and moisture up to IP68

BENEFITS

- Positive location
- No costly crimp tooling
- Flexible panel mounting of both halves
- Variety of options for maximum design-in flexibility
- Cost Effective
- O-ring's match design requirements
- Prevents mis-mating
- Key prevents damage to connector and cable
- Can be washed, sterilised and autoclaved without performance degradation
- Withstands heat, dust, moisture



GENERAL SPECIFICATION

Crimp contacts, insert / extraction tools, dust caps and back fittings

Materials

Shell / Insulators: Temperature and corrosion resistant composite, Ultem®

Contacts:

Back Fitting Options

Cable Gland:	Strain Relief
Over-mould:	Cable Sealing
Panel Nut:	Universal Mount
Conduit Adapter:	Wire management
Heat Shrink:	One-stop-shop kit option

Recommended Cable

50 Ω	URM 43/72/76/108, RG58C/U
75 Ω	URM 41/56/70, T3242
Voltage:	Up to 1000 Vac (rms)
Insulation Resistance: 1000 MΩ	

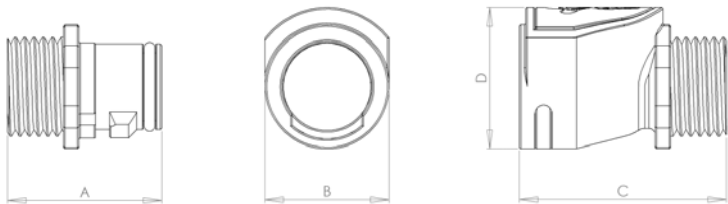
Temperature Rating [connector]

-55°C to 150°C (The upper limit is the maximum internal hot-spot temperature resulting from the combination of ambient temperature and heating due to current)

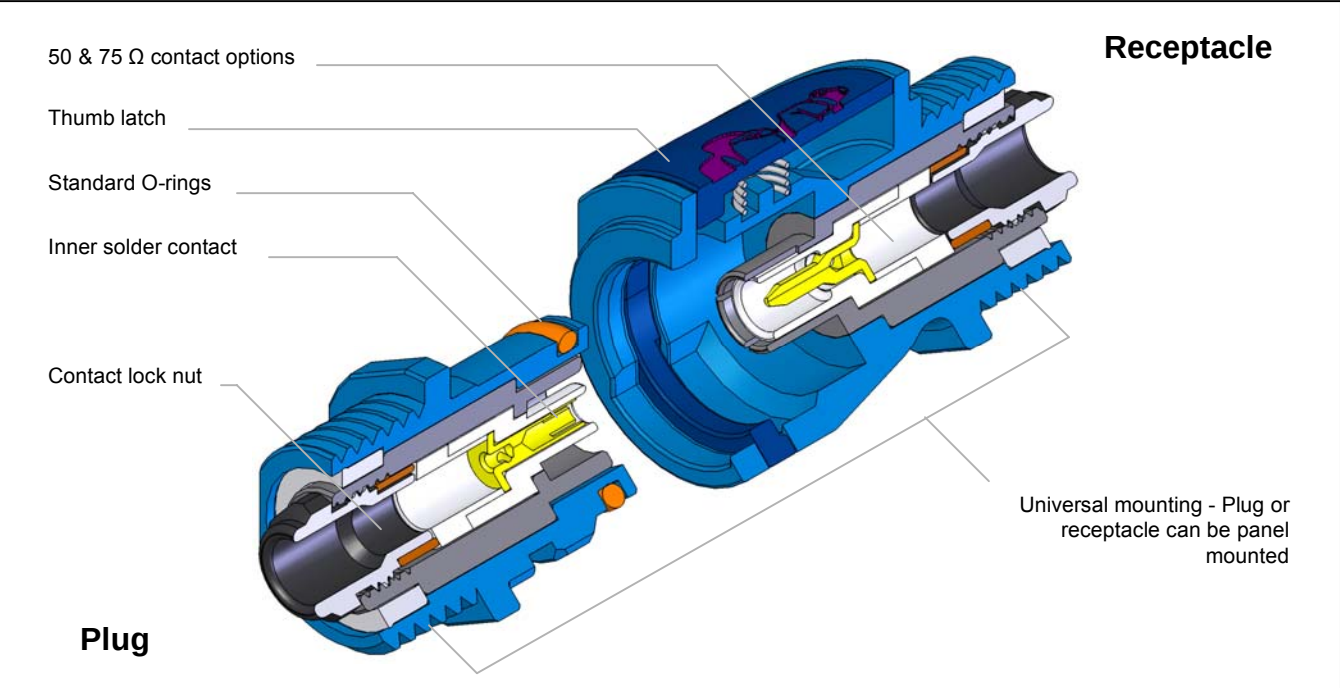
Dimensions (mm)

	A	B	C	D
QC2	25	16	33	22.5

Envelope dimensions are for reference only.
Contact Deutsch Ltd if more detail is required.



Construction



Ordering Information

Plug		Receptacle		Plug Sealing Cap	
Description 200 series in/lp 50Ω 200 series in/lp 75Ω	Part No. QC26-5001S QC26-7501S	Description 200 series in/lr 50Ω 200 series in/lr 75Ω	Part No. QC24-5001P QC24-7501P	Description 200 series pro-cap	Part No. IMC 29



A step ahead in technology

Castleham Industrial Estate
2 Stanier Road
St Leonards on Sea
East Sussex
TN38 9RP England
Telephone +44 (0) 1424 852722
Fax +44 (0) 1424 855979
Email industrial@deutsch.co.uk
www.deutschltd.com

