

# 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]

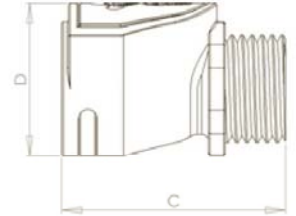
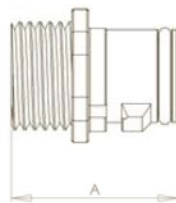
-55°C to 150°C (The upper limit is the maximum internal hot-spot temperature resulting from the combination of ambient temperature and heating due to current)



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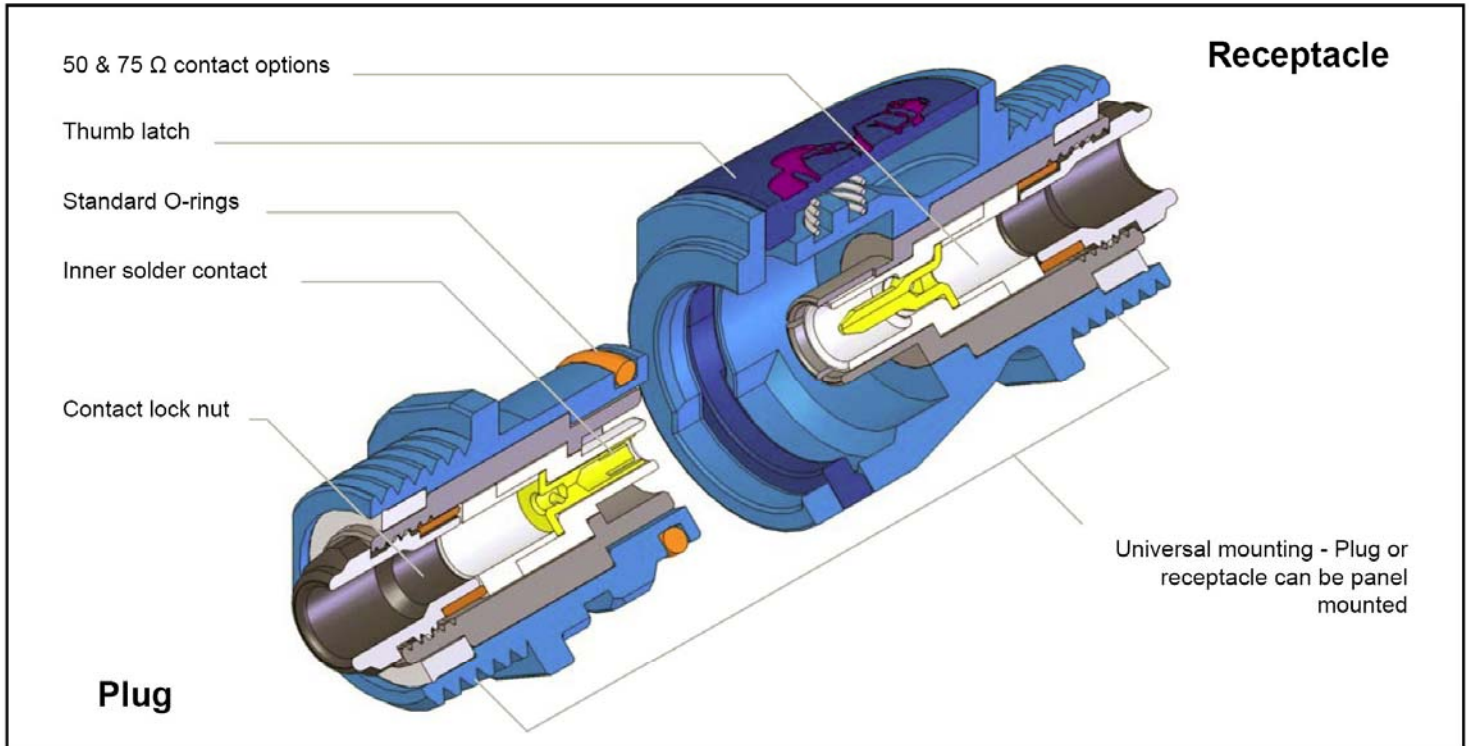
## Dimensions (mm)

	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

Description  
200 series in/lp 50Ω  
200 series in/lp 75Ω

Part No.  
QC26-5001S  
QC26-7501S

### Receptacle

Description  
200 series in/lr 50Ω  
200 series in/lr 75Ω

Part No.  
QC24-5001P  
QC24-7501P

### Plug Sealing Cap

Description  
200 series pro-cap

Part No.  
IMC 29



*A step ahead in technology*

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