

InTELCOM™ Services Ltd

**Introduction to 4.3-10
Connectors**

***Cable & Connector
Solutions***

InTELCOM Products & Services

- Antennas
- Broadcasting
- RF Products
- Data Solutions
- Milspec and Rugged Solutions
- Getac Rugged Computers
- Fibre Products
- Low Frequency and DC Cable
- Wireless Linking
- RF Transmission Infrastructure
- Security Devices
- Test & Measurement
- Transport Products



4.3-10 Connector Types

- Conforms to IEC 61169-54
- Separate Electrical and Mechanical Contacts allows coupling options
- Radial Contact
- Compact Size (25.4mm Flange)
- 40% lower weight than 7/16 connectors
- Excellent PIM & RL regardless of Torque
- Lower TCO
- Frequency up to 12GHz
- IM -160dBc (0.4 to 4GHz; 2 x 40W)
- Universal Bulkhead Jack/Plug
- Three types of Cable Connector – Hand Screw; Screw; Quick Lock



Universal Jack



Hand Screw



Screw



Quick Lock

4.3-10 Quick-Fit Connectors

- Supplied in one piece
- Easy to fit
- Connectors for 1/2" Corrugated Cable
 - Straight Male (Hand Screw; Screw; Quick Lock)
 - Straight Female (Torque only)
- Connectors for 1/2" Highflex Corrugated Cables
 - Straight Male (Torque only)
 - Right Angle Male (Hand Screw; Screw; Quick Lock)
- Compatibility with most cable brands in the market, e.g. LDF4-50A, RFA 1/2", etc



Supplementary 4.3-10 Connectors

- YJE Manufacture in South Korea
- Established in 1993
- Corrugated Cables supported
 - 1/2" and 1/2" Highflex,
 - 7/8", 1 1/4" & 1 5/8"
- For 1/2" Standard and Highflex
 - 4.3-10 Male Straight
 - 4.3-10 Female Straight
 - 4.3-10 Male Right angle
- Compatibility with
 - LDF, FSJ~, RFS LCF, SCF~, ACOME HPL~, NK RFF~, Leoni FlexLine~, LSC HFC~, HFSC~, HFAC~, TAIHAN HFX~ and most existing field-proven cables



Cable Assemblies

InTELCOM Services has trained staff and a Huber+Suhner Cable Assembly Facility at our premises in Lower Hutt.

We can manufacture Custom Cable Assemblies to your specification.

- Coax Jumper Cables made to order
- Customised Options
- Corrugated or Smooth Jacket Cables
- Small/Large Volumes
- Repairs

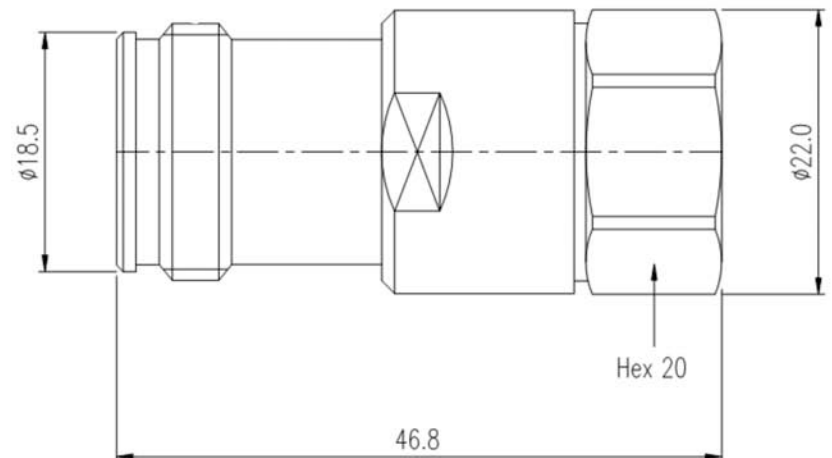
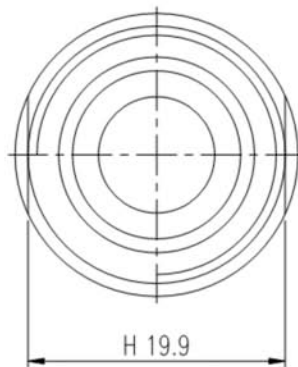


PIM Testing on Request

Low PIM - Cable Assemblies

Cable assemblies for cell-site applications are manufactured to your specified length and connector types using all solder-on connectors to ensure high PIM figures.

Cable Types:	1/4" SF, 1/2" HF or 1/2" corrugated copper
Lengths:	to your specification
Connector Types:	4.3-10, 716 or N, straight or right angle
Typical PIM:	< -150 dBc
Return Loss:	> 20dB
Frequency:	DC to 3 GHz
RoHS:	Compliant
Heatshrink:	WCSM 16/4 Heavy walled, glued over ferrule/cable junction



About InTELCOM Services

- New Zealand Private Company
- Trading under InTELCOM Services since 1987.
- Manufacturer's Representative (Reseller).
- Manufacturer of Cable Assemblies.
- Office/warehouse/workshop of 1000 m² located in Lower Hutt.
- Customers include:
 - Telcos
 - Broadcasters
 - Government
 - Defence
 - Radio Equipment Manufacturers
 - Warehouses



InTELCOM Services Ltd

*Is There Anything Else We Can Help
You With?*