

EC4-50-HF

1/2" Hiflex connectors and accessories



716MBU2X



NF50BU2X



716MBI2X



NM50BU2X

Connectors & tools

Part Number	Description
716MBI2X	7-16 DIN male, with silicone gasket
716FBI2X	7-16 DIN female, with silicone gasket
716MBU2X	7-16 DIN male, right angle, with silicone gasket
NM50BI2X	N male, with silicone gasket
NF50BI2X	N female, with silicone gasket
NM50BU2X	N male, right angle, with silicone gasket
SPTC50BI2X	Cable preparation tool for straight connectors
SPTC50BU2X	Cable preparation tool for right angle connectors



SPTC50BI2X



SPTC50BU2X

Electrical specifications

	N-Type	7/16
Nominal impedance (Ω)	50	50
Reflection coefficient at 2 GHz	≤ 0.02 (*)	≤ 0.02 (*)
Insulation resistance (G Ω)	≥ 5	≥ 10
Test voltage (at sea level) (kV rms, 50 Hz)	2.5	4
Working voltage (at sea level) (kV rms, 50 Hz)	1	2.7
Screening effectiveness up to 1 GHz (dB)	>128	>128
Outer contact resistance (m Ω)	≤ 1	≤ 1
Inner contact resistance (m Ω)	≤ 1	≤ 1
PIM ratio (2 x 20 W carrier) (dBc)	≤ -155	≤ -155
	(Typ. -163)	(Typ. -163)

Mechanical specifications

	N-Type	7/16
Torque on coupling nut (Nm)	8	30
Cable retention (N)	>500	>700

Environmental specifications

Temperature range (°C)	-40 to +85
Degree of protection (humidity)	IP67, IP68

Material specifications

External parts	Passivated silver plated or electroless nickel plated brass
Outer contact	Passivated silver plated brass
Inner contact	Passivated silver plated Cu alloy
Dielectric	N-Type PTFE 7/16 TPX
Gaskets	High quality silicone

(*) ≤ 0.03 for right angle connector

Accessories

Part Number	Description
GCSI2X	Grounding clamp with normal outlet
see page 139	Fixing clamps
see page 141	Additional weatherproofing
HG-I2	Lace-up hoisting grip
HG-I2-L	Pre-laced hoisting grip



GCSI2X



This product is RoHS compliant