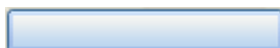




...



**Item description**                      **33\_N-716-50-1/---\_UE**                      **A - Preferred type**

Connector Description                      Adaptor plug/jack  
 Series / Pattern                              • N to 7/16 – Type / [Pattern 33](#)  
 Highlights                                      • Configuration: between series



Item number	22641229
Item parent ID	33_N-716-50-1/---_U
Catalogue drawing	<a href="#">33_N-716-50-1/---_U</a>
Economic Design	
2002/95/EC (RoHS)	compliant
2000/53/EC (ELV)	compliant
2002/96/EC (WEEE)	no special marking needed
Interface Standards	IEC 60169-16; MIL-STD-348A/304; CECC 22210
Phase	Production
Publication Status	WWW

**Mechanical data** [Jump to \[Top\]](#)

Connector Gender1	Interface N	plug (male)
Connector Gender2	Interface 7/16	jack (female)

**Electrical data** [Jump to \[Top\]](#)

Impedance	50 Ω
Interface Freq max	≤7.5 GHz
Frequency Range 1	0 to 2.5 GHz
VSWR Range1	≤ 1.08
Frequency Range 2	2.5 to 5 GHz
VSWR Range2	≤ 1.13
Frequency Range 3	5 to 7.5 GHz
VSWR Range3	≤ 1.18

**Environmental and general data** [Jump to \[Top\]](#)

Operating Temp min	-65 °C
Operating Temp max	165 °C
Weight	0.1015 kg
Number of Matings	500

**Material**Jump to [\[Top\]](#)

2002/95/EC (RoHS)	<input checked="" type="checkbox"/> compliant
2000/53/EC (ELV)	<input checked="" type="checkbox"/> compliant
2002/96/EC (WEEE)	no special marking needed

**N – Interface**

<b>Piece part</b>	<b>Base material</b>	<b>Plating</b>
Center contact	Brass	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Body	Brass	SUCOPLATE (R) Plating
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	MVQ (Silicone Rubber)	

**7/16 – Interface**

<b>Piece part</b>	<b>Base material</b>	<b>Plating</b>
Center contact	Bronze	Silver Plating
Outer contact	Brass	Silver Plating
Insulator	PFA / PTFE	
Body	Brass	SUCOPLATE (R) Plating