

COAXIAL ADAPTER, 7/16-precision, 50 Ohm, plug / jack (male / female)

33_716-50-0-1/003_-

Properties

- Precision interfaces
- Excellent electrical performance
- Premium base materials and platings



Product configuration		
Interface type	Gender	Standard
7/16-precision	plug (male)	HUBER+SUHNER-716
7/16-precision	jack (female)	HUBER+SUHNER-716

Interface and material data		
7/16-precision		
Piece parts	Material	Plating
Centre contact	Bronze / Brass	Silver Plating
Outer conductor	Brass	Silver Plating
Body	Brass	Silver Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
7/16-precision		
Piece parts	Material	Plating
Centre contact	Bronze / Brass	Silver Plating
Outer conductor	Brass	Silver Plating
Body	Brass	Silver Plating
Insulator	PFA / PTFE	

Electrical data	
Impedance	50 Ω
Interface frequency	7.5 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2 GHz	40 dB	1.02
2 GHz ... 4 GHz	36 dB	1.03

COAXIAL ADAPTER, 7/16-precision, 50 Ohm, plug / jack (male / female)

33_716-50-0-1/003_-

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
4 GHz ... 6 GHz	34 dB	1.04

Mechanical data	
Weight	0.1263 kg
Mating cycles	500

Environmental data	
Operation temperature	-65 °C ... 165 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22651577	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
22651577	33_716-50-0-1/003_-E	Single

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P2267 / Date of publication: 12.07.2025 / uncontrolled copy