

COAXIAL CONNECTOR, SK, 50 Ohm, Straight bulkhead cable jack (female)

24_SK-50-2-55/1--_N

Properties

- The shortened male pin ensures a non-destructive mating process
- Particularly well suited for semi-rigid, semi-flex and flexible cable
- Mechanical intermateable with PC 3.5 (3.5 mm standard) and SK (2.92 mm standard)



Product configuration

Interface type	Gender	Standard
SK	jack	MIL-STD-348A/323

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Stainless steel	
Body	Stainless steel	
Insulator	PPE (Polyphenylene ether, PPO)	
Gasket	VMQ (Silicone rubber)	
Fastening nut	Stainless steel	Passivated (Plating)
Washer	Bronze	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	40 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 12 GHz	25 dB	1.12
12 GHz ... 28 GHz	20 dB	1.22
28 GHz ... 40 GHz	15 dB	1.43

Mechanical data

Cable entry centre contact	plugged
Cable entry outer contact	soldered

COAXIAL CONNECTOR, SK, 50 Ohm, Straight bulkhead cable jack (female)

24_SK-50-2-55/1--_N

Environmental data	
Operation temperature	-55 °C ... 125 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84016419	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: 115-86-6 Triphenyl phosphate CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
84016419	24_SK-50-2-55/1--_NE	Single

Suitable cables	
Cable group	Y10 - 2 mm / 50 Ohm

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544821	74_Z-0-0-80	Torque wrench
22544807	74_Z-0-0-75	Assembly tool
22544715	74_Z-0-0-68	Knives / Blades
22544557	74_Z-0-0-58	Assembly tool
23024588	74_Z-0-0-442	Soldering tool
84005300	74_Z-0-0-397	Support
22646134	74_Z-0-0-234	Knives / Blades
22646133	74_Z-0-0-233	Support
22643029	74_Z-0-0-157	Cable stripping tool
84013062	74_Z-0-0-452	

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-P2580 / Date of publication: 11.07.2025 / uncontrolled copy