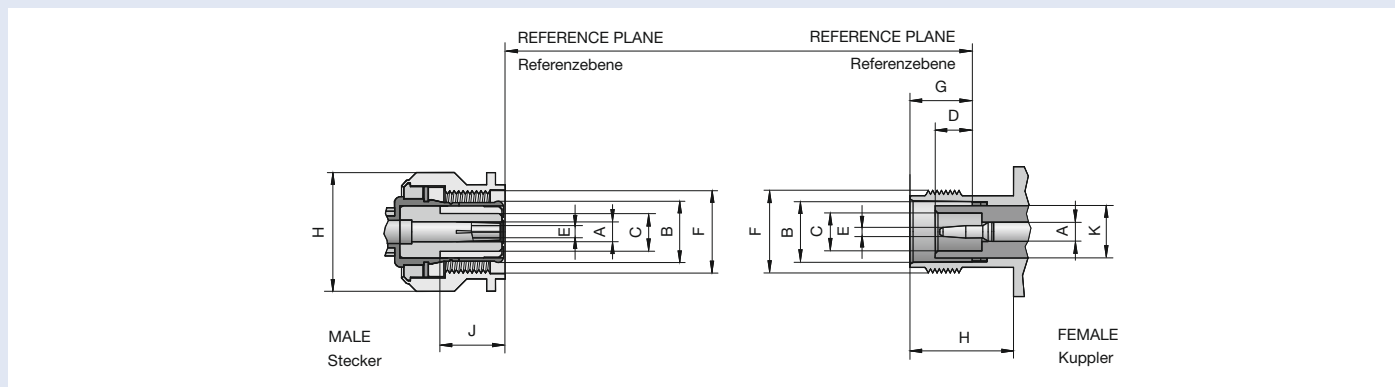


Interface Dimensions TNC Reverse, 50 Ω

Code 56R



TNC Reverse, 50 Ω

dimension [mm]	Male   Stecker		Female   Kuppler	
	min.	max.	min.	max.
A	2.06	2.21	2.06	2.21
B		1)	8.10	8.15
C		4.72	4.83	
D			4.78	5.28
E		1)	1.32	1.37
F	7/16-28 UNEF-2B		7/16-28 UNEF-2A	
G			8.31	8.51
H	16.00 nom.		10.52	
J	5.28	5.79		
K			7.00 nom.	

1) resilient, dimension to meet electrical and mechanical requirements

Features

- Interface according to Rosenberger Reverse TNC, FCC Standard
- Frequency range DC to 10 GHz (max.), DC to 4 GHz (opt.)
- Return loss (cable connector straight) ≥ 20 dB (typ.)
- Impedance 50 Ω
- Screw-on coupling

Further connectors available on request

## Technical Data TNC Reverse, 50 Ω

## Code 56R

Applicable standards   Anwendbare Normen	
Interface according to   Interface gemäß	Rosenberger TNC Reverse compliant with FCC standard (part 15, section 15.203) derived from IEC 60169-17, MIL-PRF-39012, DIN EN 122200
Quality tested according to   Qualitätsprüfung gemäß	MIL-STD-202
Electrical data   Elektrische Daten	
Impedance   Wellenwiderstand	50 Ω
Frequency range   Frequenzbereich	DC to 10 GHz (max.) DC to 4 GHz (opt.)
Return loss (cable connector straight)   Rückflussdämpfung (Kabelsteckverbinder gerade)	≥ 20 dB (typ.)
Insertion loss   Dämpfung	≤ 0.1 x √f(GHz) dB
Insulation resistance   Isolationswiderstand	≥ 5 GΩ
Center contact resistance   Übergangswiderstand Innenleiter	≤ 1.5 mΩ
Outer contact resistance   Übergangswiderstand Außenleiter	≤ 1 mΩ
Test voltage   Prüfspannung	1500 V rms
Working voltage   Betriebsspannung	500 V rms
Power handling   Leistungsbelastbarkeit	80 W @ 2 GHz
Mechanical data   Mechanische Daten	
Mating cycles   Steckzyklen	≥ 500
Center contact captivation   Innenleiter Haltekraft	axial: ≥ 15 N
Coupling torque recommended   Drehmoment empfohlen	0.46 Nm to 0.69 Nm
Environmental data   Umweltdaten	
Temperature range   Temperaturbereich	-65 °C to +165 °C
Thermal shock   Temperaturzyklen	MIL-STD-202, Method 107, Condition B
Climatic category   Klimakategorie	IEC 60068 65/165/21
Corrosion resistance   Korrosionsbeständigkeit	MIL-STD-202, Method 101, Condition B
Moisture resistance   Feuchtigkeitsbeständigkeit	MIL-STD-202, Method 106
Vibration   Vibration	MIL-STD-202, Method 204, Condition B
Shock   Schock	MIL-STD-202, Method 213, Condition G
Max. soldering temperature (PCB connectors)   Max. Löttemperatur (Leiterplattensteckverbinder)	IEC 61760-1, +260 °C for 10 sec.
Materials   Materialien	
Spring loaded contact parts   Federnde Kontaktteile	CuBe / CuSn, Au plating
Center contact   Innenleiter	CuZn, Au plating
Outer contact   Außenleiter	CuZn, white bronze plating
Crimping ferrule   Crimphülse	Copper alloy, white bronze plating
Dielectric   Dielektrikum	PTFE
Gasket   Dichtung	Rubber

Rosenberger-connectors fulfill in principle the indicated data of the Technical Data. Individual values of connectors may deviate depending upon application, design, type of cable, assembly method and execution. Specific data sheets for particular products can be provided on request from your Rosenberger sales partner.

Rosenberger-Steckverbinder erfüllen grundsätzlich die in den Technischen Daten angegebenen Daten. Je nach Anwendung, Bauart, Kabeltyp, Montageart und -ausführung können einzelne Werte von Steckverbindern hiervon abweichen. Spezifische Datenblätter zu einzelnen Produkten erhalten Sie auf Anfrage von Ihrem Rosenberger-Ansprechpartner.