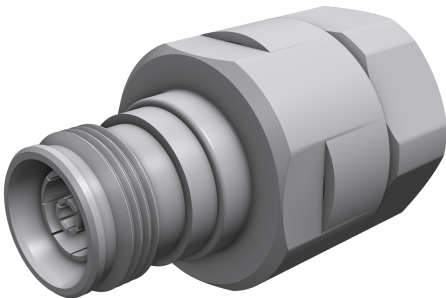


4.3-10 Female Connector for 7/8" Cable

BX-CN-78-43F

DC – 12 GHz | 4.3-10 Female | IP68



3D View

Electrical Specifications

Characteristic impedance	50 Ω	
Frequency range	DC – 12 GHz	
VSWR	≤ 1.10	0–3 GHz
VSWR	≤ 1.20	3–6 GHz
PIM (IM3)	≤ –163 dBc	2-tone × 20 W @ 900 MHz
Dielectric withstanding voltage	≥ 2500 V RMS	50 Hz, sea level
Insulation resistance	≥ 5000 MΩ	
Contact resistance	≤ 1.0 mΩ	Center & outer contact

Mechanical Specifications

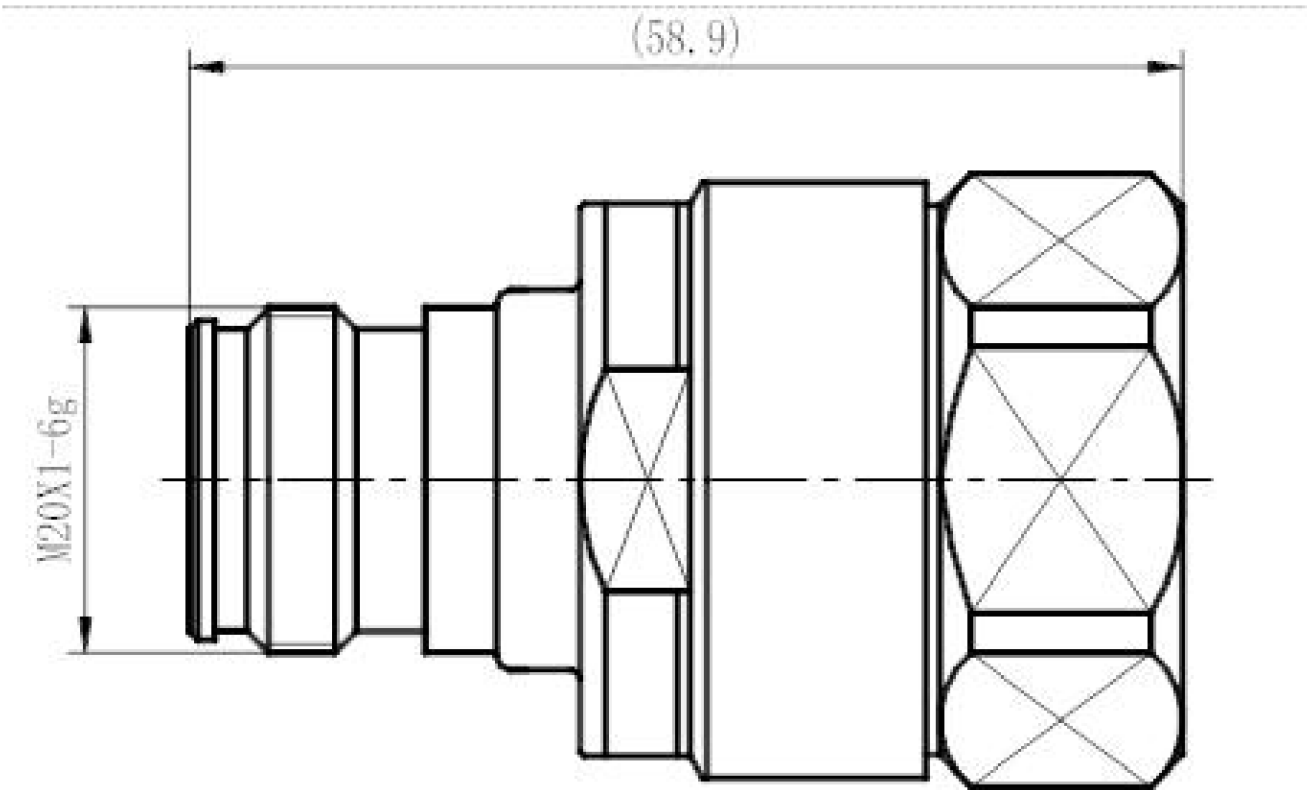
Connectors	4.3-10 Female	IEC 61169-54
Cable	7/8"	
Coupling thread	M20 × 1	
Durability	≥ 100 mating cycles	
Length	58.9 mm	

Environmental Conditions

Degree of protection	IP68	Watertight
Temperature range	–40 °C to +85 °C	
Salt-fog test	96 h	
RoHS	Full RoHS compliance	

Mechanical Drawing

All dimensions in mm. Tolerances: ±2 mm unless otherwise stated.



Standard: 4.3-10 female (50 Ω): IEC 61169-54

modifications reserved!

Material & Plating

Component	Material	Plating
Body	Brass	Tri-Alloy
Center conductor	Phosphor Bronze	Ag
Insulator	PTFE	—
Gasket	Silicone rubber	—
Other	Brass	Tri-Alloy / Ni

Ordering Information

Part number	Description	Connectors	Mounting
BX-CN-78-43F	4.3-10 Female Connector for 7/8" Cable	4.3-10 Female	—

Specifications subject to change without notice. All values are guaranteed minimums unless stated otherwise. BDC products are designed, specified, and validated by Bandercom Oy — a DAS/IBS contractor with 15+ years of field experience. Contact: info@bander.com | www.bander.com