

5D-FB Outer Conductor Braided Cable

5D-FB general-purpose braided cable, widely used in wireless communication.

IMPEDANCE	OUTER DIAMETER
50±3 Ω	**7.5 mm**
MAX. FREQUENCY	
3000 MHz	

5D-FB | 50Ω | 50Ω D-FB Series Braided Coaxial Cable

Custom lengths, connectors and pre-assembled jumpers are available. Send us your specification for a quotation.

TECHNICAL DATA

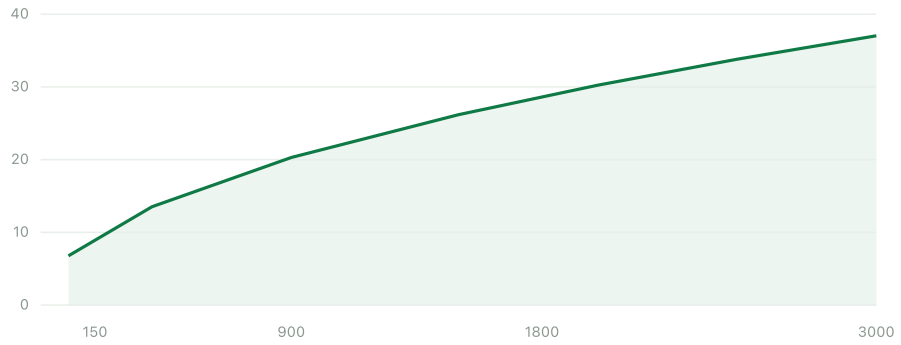
Technical parameters

Source: 2026 Technical Selection Manual

STRUCTURE

Inner conductor	CCA / bare copper wire 1.80 mm insulation foam PE 5.00 mm
Outer conductor	laminated aluminum foil + tinned copper braid 5.60 mm
Jacket	PE / PVC 7.50 mm

ATTENUATION & POWER



Attenuation in dB/100 m at 20 °C, nominal values (±5%).

MHz	dB/100m	MHz	dB/100m
100	6.8	2000	30.41
400	13.6	2500	33.99
900	20.4	3000	37.24
1500	26.33		

Product description

The 5D-FB Series 50 Ohm Braiding Coaxial Cable is a precision-engineered solution for high-frequency communication systems. This cable stands out with its physical foaming technology, utilizing an ultra-high foam polyethylene dielectric that ensures minimal attenuation and remarkable temperature stability. Characterized by its 50-ohm impedance, the 5D-FB cable is crafted to support a wide range of