

SDY-50-23-3 Air Dielectric Coaxial Cable (7/8")

7/8 inch air dielectric coaxial cable, low VSWR, for macro base station main feeders.

OUTER DIAMETER	MAX. FREQUENCY
30 mm	**6.0 GHz**

7/8" | 50Ω | 50Ω Air Dielectric Corrugated Copper Tube 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

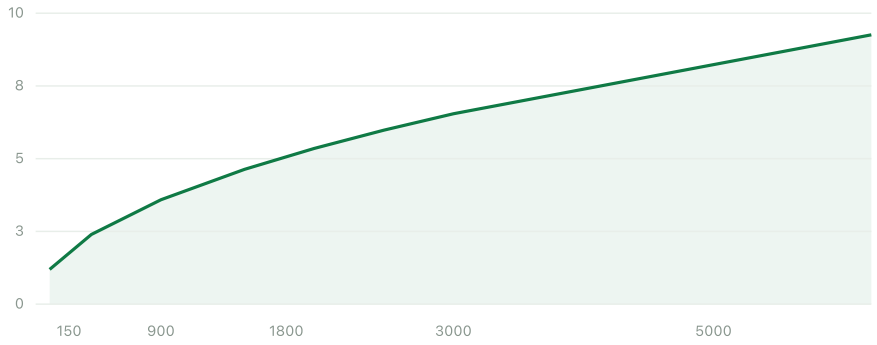
Inner conductor	smooth copper tube 9.6 mm insulation (PE tape) 22.0 22.0 mm
Outer conductor	helical corrugated 26.0 mm
Jacket	30.0 30.0 mm

ELECTRICAL

Peak power	kW 82 cutoff frequency 6.0 GHz

Velocity of propagation	0.94

ATTENUATION & POWER



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

MHz	dB/100m	MHz	dB/100m
100	1.23	2000	5.52
400	2.47	2500	6.17
900	3.7	3000	6.75
1500	4.78	6000	9.55

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