

HLCAY(R)-50-12 Radiating Cable (1/2")

1/2" radiating leaky cable, 50 ohm, 88% velocity, coupling loss (95%) approx. 70dB at 450MHz, attenuation approx. 5.9dB/100m at 450MHz, min bending radius 50mm, continuous circumferential radiation for tunnel curves and branches.

IMPEDANCE	OUTER DIAMETER
50 ± 2 Ω	**15.8 mm**

1/2" | 50Ω | 50Ω Leakage Feeder 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 4.8 mm
Dielectric	foam PE 11.6 mm
Jacket	black PE / LSZH 15.8 mm

ELECTRICAL

Characteristic impedance	50 ± 2 Ω

Velocity of propagation	88 %
Insulation resistance	> 5000 MΩ·km

MECHANICAL & ENVIRONMENT

Product description

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