

HLHTY(Z)-50-42 Leaky Feeder Cable (Coupling, 1-5/8")

1-5/8" coupling leaky feeder cable, 50 ohm, 88% velocity, attenuation approx. 1.7dB/100m at 450MHz, min bending radius 200mm, large size and low loss for extra-long tunnels and trunk coverage.

1-5/8" | 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	corrugated copper tube 17.3 ± 0.3 mm
Dielectric	foam PE 43.0 mm
Outer conductor	copper foil 44.5 mm (Max)
Jacket	black PE / black LSZH 49.0 mm (Max)

ELECTRICAL

Characteristic impedance	50 ± 2 Ω

Velocity of propagation	88 % capacitance 76 pF/m
Insulation resistance	> 5000 MΩ·km insulation voltage 15000 V jacket spark test voltage 10000 V

MECHANICAL & ENVIRONMENT

Product description

Unveil the 1 5/8-Inch Leakage Feeder Cable, a powerhouse in wireless signal distribution designed for extensive coverage needs. Engineered for large-scale commercial, industrial, and public safety applications, this cable is a testament to the capabilities of modern in-building communication systems.