



Leaky Feeder Cable Type VHF

Inner Conductor	Solid Bare Copper	Diameter 0.091 in.
Insulation	Foamed PE	-
Outer Conductor	Bare Copper Wires	16 x 23 AWG
Separator	Polyester Film	Diameter: 0.425 in.
Cable Jackets	Inner Black PE	Diameter: 0.59 in.
	Outer Yellow Low Smoke PVC	
Cable Weight	Nominal: 145 lbs/kft	
Nominal DC Resistance	Inner Conductor: 1.252 Ω /kft	
	Outer Conductor: 1.382 Ω /kft	
Nominal Impedance	75 Ω	
Temperature Range	-25°C to +75°C	

Attenuation	
MHZ	dB/100 ft.
30	0.52
85	0.89
150	1.22
450	1.86
Coupling Loss	
MHz	50% / 90% db
85	73/76
150	75.7/83.5
345	78.7/85.5
450	77/83

All values are nominal and subject to correction

- Application:** Leaky Feeder Cable is suitable for use in mines, subways, underground tunnels, underground facility building utilities, and under special environments where direct transmission of radio waves or dissemination is not very good or impossible. Leaky Feeder Cable is also suitable for making communication systems transmission lines.
- Inner Conductors:** Solid soft drawn bare copper conductor
- Insulation:** Foamed polyethylene insulation
- Outer Conductor** Helically applied bare copper wires with a polyester film tape applied over the wires
- Inner Jacket:** Black polyethylene
- Outer Jacket:** Yellow low smoke polyvinyl chloride (PVC)
- Standards:** MSHA Approved

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