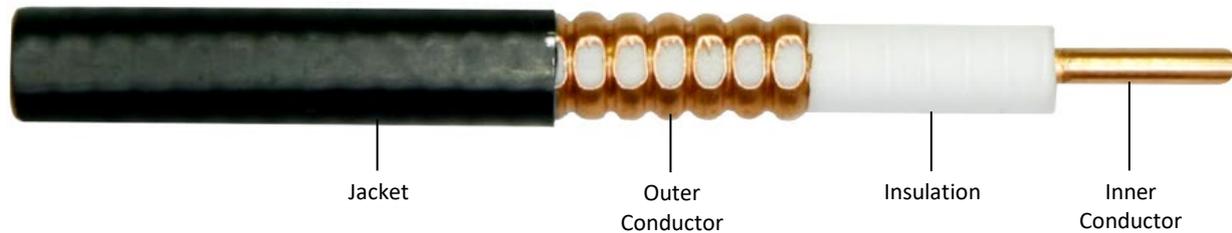


## DATASHEET

PART NO: **057408**

### ½" RADIATING CABLE 500 m



## CONSTRUCTION

	Material	Diameter
Centre Conductor	Copper Clad Aluminium Wire	Φ 4.80 mm
Insulation (Dielectric)	Physically Foamed PE	Φ 12.20 mm
Outer Conductor	Corrugated Copper Tube with Single Row Milled Slots	Φ 13.80 mm
Jacket (Sheath)	Non-Halogenated, Fire-Retardant PE	Φ 15.80 mm

## MECHANICAL CHARACTERISTICS

Net Cable Weight	
Cable Weight (incl. spool)	~120 kg
Bending Radius	80 mm
Tensile Force	1130 N

## ELECTRICAL CHARACTERISTICS

Capacitance	75 pF/m
Impedance	50 ± 2 Ω
Propagation Velocity	88 %
DC Breakdown Voltage	6 kV
Insulation Resistance	> 10000 MΩ • km

## ATTENUATION

Frequency (MHz)	Nom. Attenuation @20°C,dB/100m	Coupling Loss 50% @20°C,dB	Coupling Loss 95% @20°C,dB
150	3.30	62	78
450	6.60	70	80
900	9.50	71	82
1800	13.10	77	88
2400	15.70	77	87

## CABLE MARKINGS

**057408 Benelec Leaky Feeder ½" 50Ω (XXXX) M Batch no. Made in China**

Batch no. is the purchase order number for this shipment. Marking on the cable is every meter and the meter count increases by one very time the marking is printed.

## PACKAGING

Inventory Code	Jacket Colour	Spool Size	Spool Type	Spool Dimensions	Weight
057408	Black	500 m	Cardboard	Dia. 78 cm Width: 68 cm Volume: around 0.38 CBM	~120 kg per drum