SILVERNET
WIRELESS-NETWORK-SOLUTIONS

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Antenna Cables

SIL 4CAB 1M x2
SIL 4CAB 2M x2
SIL 4CAB 4M x2
SIL 4CAB 8M x2

LMR 400 Cable with N-type Male Connectors

OVERVIEW

SilverNet's LMR 400 cables are for use with our SIL BASE 500 and SIL AP1200. The cables are used to attach external antennas to the radio, giving you flexibility over your installation.

The LMR 400 cables enable you to mount the radio in a more ideal location for ease of access and installation. Our LMR 400 cables are fitted with N-Type adapters on each end which are heat shrink covered for a complete waterproof seal.

Features

- Double Shielded
- Very Low Signal Loss
- Lengths up to 8 metres
- High Performance N-type connectors
- N-type male to N-type male
- Installation temperature Range: -40 to +85°C
- Operating temperature Range: -40 to +85°C

Part Code	Description
SIL 4CAB 1M x2	2 x LMR 400 Cable 1 Metre length
SIL 4CAB 2M x2	2 x LMR 400 Cable 2 Metre length
SIL 4CAB 4M x2	2 x LMR 400 Cable 4 Metre length
SIL 4CAB 8M x2	2 x LMR 400 Cable 8 Metre length

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Technical Specifications

LMR 400 Antenna Cable	SIL 4CAB XM X2
Electrical Specifications	
Velocity of Propagation (%)	84
Dielectric Constant (nA)	1.38
Time Delay (nS/m)	3.92
Impedance (ohms)	50
Capacitance (pF/m)	78.4
Inductance (uH/m)	0.20
Shielding Effectiveness (dB)	>90
DC Resistance	
Inner Conductor (ohms/km)	4.6
Outer Conductor (ohms/km)	5.4
Voltage Withstand (VDC)	2500
Jacket Spark (VRMS)	8000
Peak Power (kW)	16
Construction Specifications	
Inner Conductor	Solid BCCAI (2.7mm)
Dielectric	Foam PE (7.24mm)
Outer Conductor	Aluminium Tape (7.39mm)
Overall Braid	Tinned copper (8.13mm)
Jacket	PE (10.29mm)