

## 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

Copyright © SilverNet Limited. All rights reserved. All other company and product names may be trademarks of their respective companies. Whilst every effort is made to make sure the information shown is accurate, SilverNet Limited can not accept liability for any errors that may arise. No freedom to use information, patents, trademarks or other intellectual property rights is implied by the publication of this document. E&OE. SilverNet Limited reserve the right to change specifications and other information within this document without notice and your attention is brought to the fact that performance figures are under ideal conditions. Actual performance will depend on many environmental factors and it is recommended that a site survey is undertaken prior to installation. Please also note that this equipment may also be subject to local legislative restrictions. It is the end users responsibility to ensure that the installation complies with any such restrictions that are in force.



Distributed By:

## Technical Specifications

LMR 400 Antenna Cable	SIL 4CAB XM X2
<b>Electrical Specifications</b>	
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
<b>DC Resistance</b>	
Inner Conductor (ohms/km)	4.6
Outer Conductor (ohms/km)	5.4
Voltage Withstand (VDC)	2500
Jacket Spark (VRMS)	8000
Peak Power (kW)	16
<b>Construction Specifications</b>	
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)