

# Lead In Cable, Simplex SM, SC/APC.

MADE BY



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Technologies

DATA SHEET

## Summary of Benefits

The Madison Technologies single mode SC/APC lead in cable is designed to provide an economic and ruggedized solution for in-building connectivity.

The cable consists of a G.657.B3 bend insensitive tight buffered 0.9mm SM fibre core, encased in an aramid yarn filled LSZH jacket.

The cable is available in lengths from 20m to 100m.



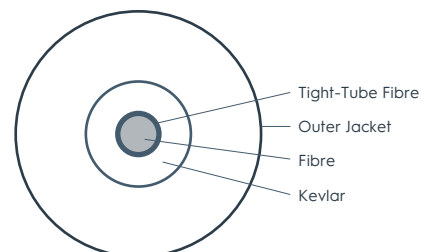
## Features

- 5mm heavy duty jacket provides protection against physical damage
- Light weight, flexible and easy to install
- Low insertion loss and high return loss
- Low bend radius due to flexible stainless steel tube
- 900µm G.657.B3 tight buffered fibre encased with kevlar and outer sheath of LSZH
- Terminated at both ends by SC/APC connectors fitted with pull socks

## Specifications

Parameter	Values
Connector A/B	SP/APC
Fibre Type	G.657.B3
Cable Diameter	5.0mm
Min Bend Radius	10mm Static / 20mm Dynamic
Operating Temperature	-40°C to 80°C
Cable Type	Simplex
Cable Jacket	Single Armoured, LSZH
Cable Material	Kevlar, LSZH TPU
Short Term Tensile Loads	300N
Return Loss	≥ 60dB
Insertion Loss	≤ 0.3dB

## Cross Section



## Ordering Details

Optical Splitters - Part Number	Description
MTSSCASCAS2-20-AT	Lead In Cable, Simplex SC/APC to SC/APC, G.657.B3, 20m
MTSSCASCAS2-30-AT	Lead In Cable, Simplex SC/APC to SC/APC, G.657.B3, 30m
MTSSCASCAS2-40-AT	Lead In Cable, Simplex SC/APC to SC/APC, G.657.B3, 40m
MTSSCASCAS2-50-AT	Lead In Cable, Simplex SC/APC to SC/APC, G.657.B3, 50m
MTSSCASCAS2-60-AT	Lead In Cable, Simplex SC/APC to SC/APC, G.657.B3, 60m
MTSSCASCAS2-80-AT	Lead In Cable, Simplex SC/APC to SC/APC, G.657.B3, 80m
MTSSCASCAS2-100-AT	Lead In Cable, Simplex SC/APC to SC/APC, G.657.B3, 100m