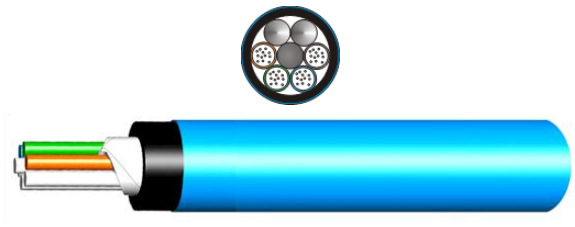
DATA CABLE

FIBRE OPTIC CABLE

48-72 S/mode Fibres

Loose Tube , Metal Free,

Nylon



APPLICATION		
For use in outdoor communications circuits. This cable is waterblocked and termite resistant, and suitable for Duct, Direct Buried or Aerial Lashed installation.	STANDARD	AS/ACIF S008
	OPTICAL FIBRES	Low Water Peak (ITU-T G.652D) Single Mode OS1 9/125, colour coded, 12 fibres/tube standard
	STRENGTH MEMBER	GRP rod
	LOOSE TUBE	Polybutylene terephthalate
	TUBING GEL	Thixotropic compound
	WHIPPING	Polypropylene
	INTERSTITIAL GEL	Thixotropic compound
	WRAPPING	Polyester tape
	SHEATH	Polyethylene, Black, UV Stabilised
	JACKET	Nylon 12, Blue, UV Stabilised
	SACRIFICIAL SHEATH (Option)	Polyethylene or PVC, Black, UV Stabilised

ORDERING

L1xxx AGJN: xxx for fibre count.

Eg L1048 AGJN for 48 fibres.

SACRIFICIAL SHEATH (Option)

Polyethylene (Black): L1xxx AGJNSSPE

PVC (Black): L1xxx AGJNSSPVC

FIBRES	OVERALL DIAMETER		APPROX. MASS	MINIMUM INSTALLED BENDING RADIUS	
	MINIMUM mm	MAXIMUM mm	kg/km	NO LOAD	FULL LOAD
48 to 72	11.5	13.5	125	125	250
Sacrificial Sheath Option	13.5	15.5	165	145	290

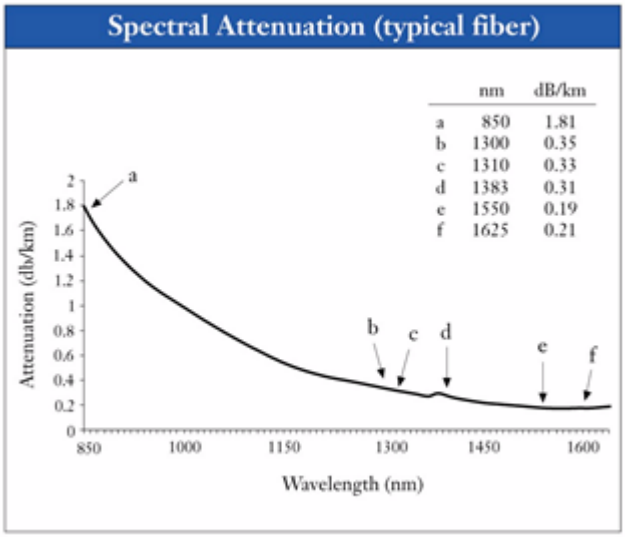
Higher fibre counts and multimode fibres are also available, please contact Sales for details.

TECHNICAL SPECIFICATIONS - Continued

CRUSH RESISTANCE		TENSILE STRENGTH		TEMPERATURE		
SHORT TERM	LONG TERM	INSTALLATION	LONG TERM	OPERATION	STORAGE	INSTALLATION
KN/100mm		kN	kN	°C	°C	°C
2.0 max.	1.0 max.	2.7 max	1.0 max	-10 to +70	-20 to +70	-20 to +70

STANDARD ATTENUATION CELLS *	
WAVELENGTH nm	ATTENUATION dB/km
1310	≤0.35
1550	≤0.22

* Lower attenuation available in limited quantities.
Please contact Sales for details.



FIBRE/LOOSE TUBE COLOR CODE
Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink & Aqua.
(Example: fibre no. 60 is Aqua Color in Slate Tube.)

General Cable

GENERAL CABLE AUSTRALIA PTY LTD
Level 1, 591-595 Blackburn Road
Notting Hill VIC 3168
Locked Bag 220, Clayton VIC 3168, Australia
Phone: 1300 363 282
FAX: 1300 363 382
EMAIL: sales@generalcable.com.au

Diagrams of cables are illustrative only and are not necessarily to scale. General Cable New Zealand Limited and General Cable Australia Pty Ltd reserves the right to change or vary the construction of any of their products without notice. Whilst every care has been taken in the preparation of this publication, General Cable New Zealand Limited and General Cable Australia Pty Ltd accept no liability of any kind and are not responsible for the results of any actions taken on the basis of this information or resulting from errors or omissions. This technical data sheet is intended as a guide only; any person using it must make reference to the appropriate local standards or authorities. All rights reserved. No part of this work covered by copyright may be reproduced or copied in any form or by any means without the written permission of General Cable New Zealand Limited. or General Cable Australia Pty Ltd. © 2001.