



# Caledonian

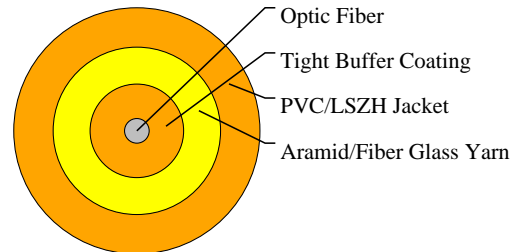
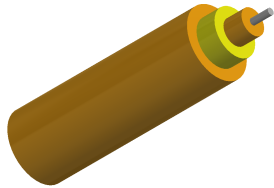
Fiber Optic Cables

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## TIGHT BUFFER PVC/LSZH JACKETED SIMPLEX / DUPLEX CORD

Simplex-PVC/LSZH Cable Simplex 2.5mm



### APPLICATIONS

This cable is mainly used for interconnecting cable for jumpers, patch cords or pigtails.

Features:

Suitable for indoor use, such as routing connections in patching systems.

Short "patch cord" cables ideal for links between electronic equipment and fiber panels.

Compatible with wide variety of fiber optic connectors.

High quality tight-buffer coating on fiber for environmental and mechanical protection.

Customized jacket colors available for matching connectors.

Private labeling on the cable outer jacket is also available.

### PRODUCT DESCRIPTION

Simplex cable consists of single tight buffered fiber with aramid yarns as tensile strength members with jacket of either Flame Retardant PVC or LSZH compound. The cable is unconnectorized.

### STANDARDS

IEC60794-1-2

GR409-CORE

TIA/EIA 568B.3

ICEA-S-83-596

### MECHANICAL PROPERTIES

Minimum Bending Radius:

Under installation: 20XOD

During operation: 10XOD

Temperature Range:

Operating Temperature Range: -40°C(-40°F) to +70°C(+158°F)

Storage Temperature Range: -45°C(-58°F) to +70°C(+158°F)

Maximum Compressive Load:2000N

Repeated Impact: 2.9 N.m (J) 3X2 impacts

Twist (Torsion): 180X10 times, 125XOD

Cyclic Flexing: 25 cycles for armoured cables;



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100 cycles for unarmoured cables.

Crush Resistance: 875N/cm (500lb/in)

## DIMENSION AND PARAMETERS

Fiber Optic Type	No. of fibres	Approx. Overall Diameter	Approx. Overall Diameter	Cable Weight	Cable Weight	Maximum Pulling Load (Installation)	Maximum Pulling Load (In Service)
		in	mm	Lbs./Kft	kg/km	N/lb	N/lb
Simplex 2.5mm	1	0.098	2.5	5.23	7.8	490/110	290/65