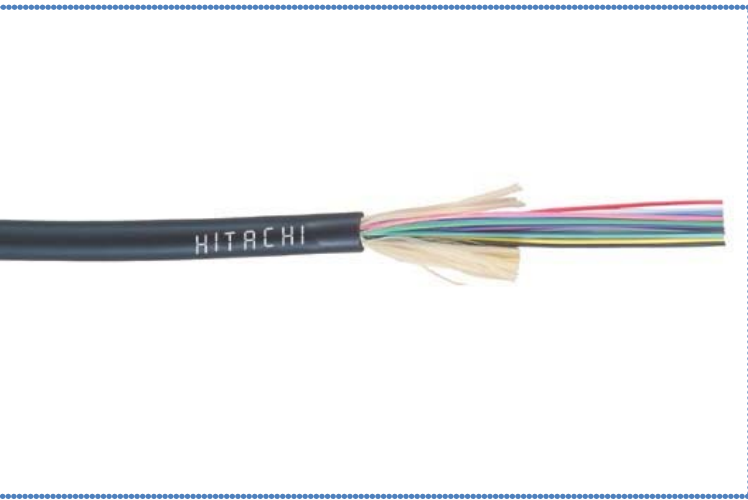




LSZH TIGHT BUFFERED PREMISES DISTRIBUTION CABLES

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Internal External Application

Premises Distribution Style Cable

Premises Distribution Cables feature a compact, flexible packaging for a wide variety of premise and campus applications, including fibre-to-the-desk. The construction comprises colour-coded 900µm tight buffered fibres oversheathed with Kevlar aramid yarn strength members and jacketed with a Low Smoke Zero Halogen jacket.

The small diameter and high flexibility allows these cables to be installed easily in crowded areas and cabinets. The cables are available with up to 72 optical fibres: up to 24 fibres they are made up as a central bundle, with 36 or more fibres in the cable, the fibres are separated into sub groups, each sub group having a strength member and jacket. Hybrid cables can be supplied with a combination of single mode and multimode fibres. Fibres of a like type are sub-grouped together.

Product Highlights

- RoHS Compliant
- UV-resistant jacket
- Tight buffered construction

Fibres per tube	Fibre Count	Tube Layout
X	2	X
X	4	X
X	6	X
X	8	X
X	10	X
X	12	X
X	24	X
6	36	6xCSM*
12	48	4xCSM*
12	72	6xCSM*

Fibre Count	Maximum Tensile Load	
	Install Newtons	Operational Newtons
2	570	285
4	570	285
6	570	285
8	712	356
10	712	356
12	712	356
24	1282	641
36	2671	890
48	2671	890
72	2671	890

Fibre Count	Cable OD/mm	Cable Weight/km
2	4.8	18.8
4	4.8	20.7
6	4.8	22.5
8	5.8	29.8
10	5.8	31.7
12	5.8	33.5
24	8.8	78.1
36	16.7	201
48	16.4	216
72	20.7	233

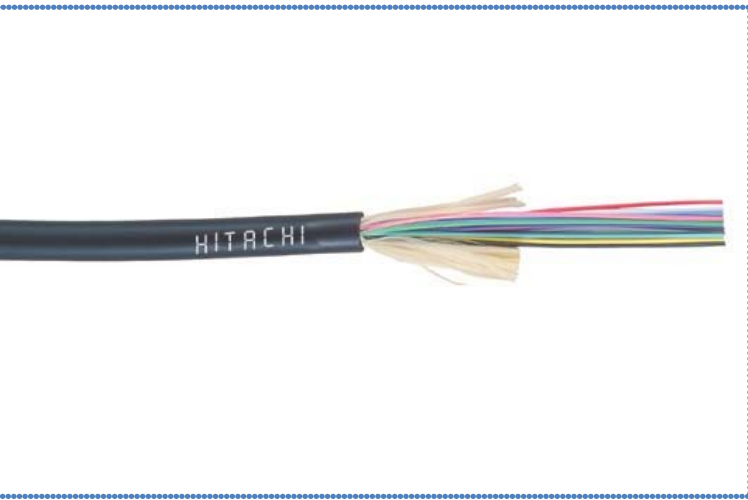
*CSM = Central Strength Member





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- Each fibre is colour coded for easy identification
- Dry, super absorbent polymers (SAPs) eliminate water migration in cable interstices
- Suitable for lashed aerial, duct, underground conduit and indoor applications

Available with the following fibre sizes

- 62.5/125µm
- 50/125µm
- 50/125µm
- Singlemode
- OM1
- OM2
- OM3
- OS1

Minimum Bend radius

- 10 times cable outside diameter with no load
- 15 times cable outside diameter with full load

Ethernet Support Distances - Multimode

	Gigabit	10 Gigabit
OM1	300m @ 850nm 550m @ 1300nm	-
OM2	600m @ 850nm 600m @ 1300nm	-
OM3	1km @ 850nm 1km @ 1300nm	300m @ 850nm

