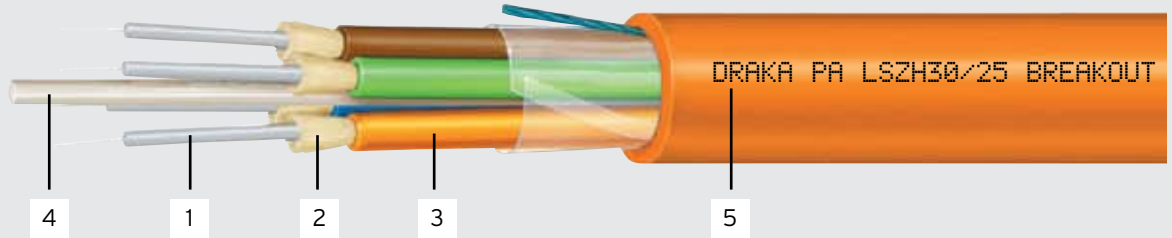




Draka

LSZH30/25 Breakout Cable

tight buffer construction / 2 to 36 fibers / singlemode or multimode / OFNR OFN FT4



Application

These are multiple fiber breakout cables designed for high-speed interbuilding and intrabuilding communication systems. Low-smoke zero-halogen (LSZH) construction allows their use in tunnels and wherever there are low smoke and low toxicity requirements. Heavy-duty tight buffered fibers in a breakout construction allow for separation, routing and easy connectorization of individual fibers.

All LSZH30/25 cables are Gigabit Ethernet IEEE 802.3z compliant. MaxCap multimode fiber for 10 Gb networks is available.

Features

1. FIBER
Multimode or singlemode fibers with an easily-strippable 900µm tight buffering colored per TIA/EIA 598.
2. SUBUNIT STRENGTH MEMBER
Aramid yarn.
3. SUBUNIT JACKET
Low smoke zero halogen polyolefin.
4. CENTRAL STRENGTH MEMBER
Dielectric material (epoxy/fiberglass rod).
5. JACKET
Halex low smoke zero halogen polyolefin.

Ratings

OFNR/OFN, CSA FT4



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Part Number	Installation Pull Strength Lbs (Newtons)	Installation Bend Radius in (cm)	Operating Tension Lbs (Newtons)	Operating Bend Radius in (cm)	Vertical Rise feet (meters)	Cable O.D. in (mm)	Approx. Cable Weight Lbs/Mft (Kg/Km)
LSZH30-01-XXY	112 (500)	2 (5.0)	55 (245)	1.0 (2.5)	8800 (2682)	0.113 (2.87)	5 (7)
LSZH30-02F-XXY	225 (1000)	2 (5.0)	112 (500)	1.0 (2.5)	8960 (2731)	0.113 x 0.241 (2.87 x 6.12)	10 (15)
LSZH25-02R-XXY	270 (1200)	5.5 (14.0)	113 (500)	2.8 (7.0)	2825 (861)	0.276 (7.01)	32 (48)
LSZH25-04-XXY	450 (2000)	6.3 (16.0)	250 (1110)	3.2 (8.0)	5263 (1604)	0.315 (8.00)	38 (57)
LSZH25-06-XXY	600 (2000)	7.3 (18.6)	250 (1110)	3.7 (9.3)	3571 (1089)	0.367 (9.32)	56 (83)
LSZH25-08-XXY	600 (2500)	8.9 (22.6)	250 (1110)	4.5 (11.3)	2439 (743)	0.445 (11.30)	82 (122)
LSZH25-10-XXY	675 (3000)	10.0 (25.5)	270 (1200)	5.0 (12.7)	2019 (615)	0.501 (12.73)	107 (159)
LSZH25-12-XXY	788 (3500)	11.3 (28.8)	270 (1200)	5.7 (14.4)	1565 (477)	0.567 (14.40)	138 (205)
LSZH25-16-XXY	900 (4100)	11.7 (29.6)	338 (1500)	5.8 (14.8)	2033 (620)	0.583 (14.81)	133 (198)
LSZH25-18-XXY	1013 (4500)	11.7 (29.6)	405 (1800)	5.8 (14.8)	2492 (760)	0.583 (14.81)	130 (193)
LSZH25-24-XXY	1240 (5520)	13.6 (34.5)	450 (2000)	6.8 (17.3)	2000 (610)	0.680 (17.27)	180 (268)
LSZH25-30-XXY	1380 (6144)	14.5 (36.9)	450 (2000)	7.3 (18.5)	1935 (590)	0.727 (18.47)	186 (277)
LSZH25-36-XXY	1660 (7390)	15.8 (40.0)	450 (2000)	7.9 (20.0)	1593 (485)	0.788 (20.02)	226 (336)

Higher fiber counts are available.

The data herein is approximate and subject to normal manufacturing tolerances.

Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications.

Fiber Performance

Replace XXY in the above part number with your fiber requirements:

Multimode Designation	Min. Bandwidth 850nm/1300nm	Max. Attenuation 850nm/1300nm
50GBE	1500/500	3.50/1.50
50H	500/500	3.50/1.50
50E1 (HiCap)	500/500	3.50/1.00
62X	200/500	3.50/1.00
62E1	300/600	3.50/1.00*

* Mode conditioning patch cords not required

Single Mode Designation	Max. Attenuation 1310nm/1550nm
010X	0.70/0.70
010A3	0.50/0.50

Environmental Specifications

Description	FOTP	Requirements
Operating Temp	EIA-455-3	-20°C to 80°C
Storage Temp	EIA-455-3	-40°C to 80°C
Installation Temp	---	-20°C to 80°C

Mechanical Specifications

Description	FOTP	Requirements
Crush Resistance	EIA-455-41	2000 N/cm (1143 lbs/in)
Impact Resistance	EIA-455-25	50 impacts with 4.4 N-m
Cyclic Flexing Test	EIA-455-104	2000 cycles

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