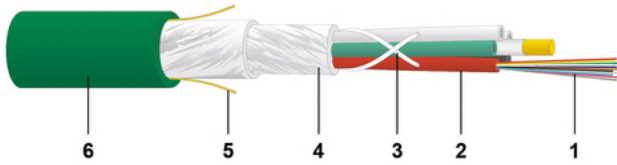


FO Universal DLTS wbGGFR / U-DQ(ZN)BH

up to 144 fibres, Euroclass B_{ca}

metal-free, dry interstices, gel-free loose tube,
rodent protection, flame retardant, longitudinally watertight



- 1 ≤ 12 fibres
- 2 Loose tube
- 3 Swelling tape
- 4 Glass armour
- 5 Ripcord
- 6 FR/LSOH sheath



DESCRIZIONE

Robust, metal-free fibre optic outdoor and indoor cable with stranded dry loose tubes.
Longitudinal water-tightness by swelling yarn.
Non-metallic rodent protection.
The two coloured ripcords are easy to identify and enable the safe opening of the cable sheath.
Flame retardant halogen-free FR/LSOH sheath.
High crush resistance for high transmission reliability.
Easy to handle due to cable construction with dry interstices and gel-free loose tubes.

APPLICAZIONE

LAN backbone, access and riser zone.
Connection cable between the building distributors and/or floor distributors.
Suitable for laying in cable trays, ducts and vertical shafts.
Can also be spliced in all FO distributors and joints.

PROPRIETÀ OTTICHE

The cables are available with different types of optical fibre (see fibre data sheets).

PROPRIETÀ MECCANICHE

Storage temperature:	-25 °C - +70 °C
Installation temperature:	-10 °C - +50 °C
Operating temperature:	-25 °C - +70 °C
Tensile performance:	IEC 60794-1-21 E1
Crush resistance:	IEC 60794-1-21 E3
Impact:	IEC 60794-1-21 E4
Repeated bending:	IEC 60794-1-21 E6
Torsion:	IEC 60794-1-21 E7
Bend:	IEC 60794-1-21 E11
Water penetration:	IEC 60794-1-22 F5

STANDARDS

Resistenza ai raggi UV	EN 50289-4-17:2015 (UVA-340)
Reaction to fire (Euroclasses)	EN 13501-6: B _{2ca}
Impronta	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Zero alogeni, no gas corrosivi	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2
Propagazione delle fiamme	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
Diffusione delle fiamme	IEC 60332-3-24
Densità del fumo	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

VERSIONS

Article No.	DoP Prodotto	Reaction to fire (Euroclasses)	Numero di fibre	Tubi larghi della guaina	Colore della guaina	Tipologia di fibra	Guaina Ø [mm]	Peso [kg/km]	Raggio di curvatura [mm]	Carico di tensione continuo [N]	Carico di tensione breve termine [N]	Resistenza alla schiacciatura continua [N]	Resistenza a breve termine [N]	Carico di fuoco [kWh/m]	PU
19609600BZ	FO Universal DLTS 1x12	B2ca-s1a,d1,a1	12	5	verde	E9/125 G.652.D OS2	11.4	156	175	5000 N	9000 N	1500 N	5000 N	0.51	al metro

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19611200BZ		FO Universal DLTS 2x12	B2ca-s1a,d1,a1	24	5	verde	E9/125 G.652.D OS2	11.4	160	175	5000 N	9000 N	1500 N	5000 N	0.51	al metro
19614700BZ		FO Universal DLTS 2x12	B2ca-s1a,d1,a1	24	5	verde	G50/125 OM3	11.4	160	175	5000 N	9000 N	1500 N	5000 N	0.51	al metro
19616700BZ		FO Universal DLTS 2x12	B2ca-s1a,d1,a1	24	5	verde	G50/125 OM4	11.4	160	175	5000 N	9000 N	1500 N	5000 N	0.51	al metro
19611300BZ		FO Universal DLTS 4x12	B2ca-s1a,d1,a1	48	5	verde	E9/125 G.652.D OS2	11.4	170	175	5000 N	9000 N	1500 N	5000 N	0.51	al metro
19614800BZ		FO Universal DLTS 4x12	B2ca-s1a,d1,a1	48	5	verde	G50/125 OM3	11.4	170	175	5000 N	9000 N	1500 N	5000 N	0.51	al metro
19616800BZ		FO Universal DLTS 4x12	B2ca-s1a,d1,a1	48	5	verde	G50/125 OM4	11.4	170	175	5000 N	9000 N	1500 N	5000 N	0.51	al metro
19613100BZ		FO Universal DLTS 6x12	B2ca-s1a,d1,a1	72	6	verde	E9/125 G.652.D OS2	12.2	162	185	5000 N	9000 N	1500 N	5000 N	0.539	al metro
19613200BZ		FO Universal DLTS 8x12	B2ca-s1a,d1,a1	96	8	verde	E9/125 G.652.D OS2	13.5	197	205	5000 N	9000 N	1500 N	5000 N	0.65	al metro
19614900BZ		FO Universal DLTS 8x12	B2ca-s1a,d1,a1	96	8	verde	G50/125 OM3	13.5	197	205	5000 N	9000 N	1500 N	5000 N	0.65	al metro
19616900BZ		FO Universal DLTS 8x12	B2ca-s1a,d1,a1	96	8	verde	G50/125 OM4	13.5	197	205	5000 N	9000 N	1500 N	5000 N	0.65	al metro
19613300BZ		FO Universal DLTS 10x12	B2ca-s1a,d1,a1	120	10	verde	E9/125 G.652.D OS2	14.8	236	225	5000 N	9000 N	1500 N	5000 N	0.788	al metro
19609700BZ		FO Universal DLTS 12x12	B2ca-s1a,d1,a1	144	12	verde	E9/125 G.652.D OS2	16.3	288	245	5000 N	9000 N	1500 N	5000 N	0.958	al metro
19615000BZ		FO Universal DLTS 12x12	B2ca-s1a,d1,a1	144	12	verde	G50/125 OM3	16.3	287	245	5000 N	9000 N	1500 N	5000 N	0.958	al metro
19617000BZ		FO Universal DLTS 12x12	B2ca-s1a,d1,a1	144	12	verde	G50/125 OM4	16.3	287	245	5000 N	9000 N	1500 N	5000 N	0.958	al metro

EN 60332-3-Series superseded by EN 50575