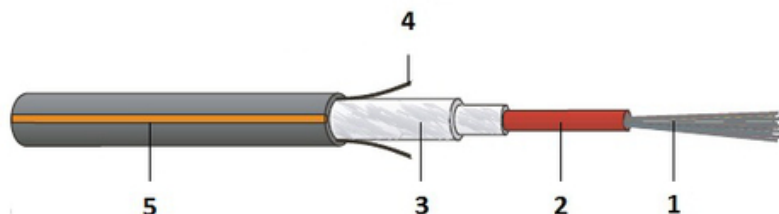


FO Universal ZGGFR Easy Blow / U-DQ(ZN)BH

Fire resistant, optimized for blowing through thermoplastic ducts



- 1 ≤ 24 fibres
- 2 Loose tube
- 3 Glass armour
- 4 Ripcord
- 5 FR/LS0H sheath



DESCRIPTION

Robust, metal-free fibre optic outdoor and indoor cable with one central loose tube.

Optimized for blowing through thermoplastic ducts:

Its good greasing characteristics, smooth and strong sheath surface and good internal strength provide for an axial linear motion and reduced friction (in comparison with standard indoor/outdoor cables).

Therefore a blowing length of up to 2000 m is possible.

Non-metallic rodent protection.

Flame retardant and fire resistant sheath with very low fire load.

The coloured ripcords are easy to identify and enable the safe opening of the cable sheath.

APPLICATION

For blowing through thermoplastic ducts with blowing lengths of up to 2000 m.

In Premises cabling for LAN backbones (Campus and Vertical/Riser cabling) as well as for tunnels.

OPTICAL PROPERTIES

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

MECHANICAL PROPERTIES

Temperature range	storage:	-25 / +70°C	IEC 60794-1-2 F1
	during installation:	-10 / +50°C	
	in operation:	-25 / +60°C	
Tensile performance:	IEC 60794-1-2 E1		
Crush resistance:	IEC 60794-1-2 E3		
Impact:	IEC 60794-1-2 E4		
Repeated bending:	IEC 60794-1-2 E6		
Torsion:	IEC 60794-1-2 E7		
Bend:	IEC 60794-1-2 E11		
Water penetration:	IEC 60794-1-2 F5		

STANDARDS

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Imprint DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»

Zero halogen, no corrosive gases IEC 60754-1/-2, EN 50267-2-1/-2-2, VDE 0482-267-2-1/-2-2

Flame propagation IEC 60332-1/-2, EN 60332-1-2, VDE 0482-332-1-2

Flame spread IEC 60332.3 C, EN 50266-2-4, VDE 0482-266-2-4

Smoke density IEC 61034-1/-2, EN 61034-1/-2 (EN 50268-1/-2), VDE 0482-1034-1/-2 (VDE 0482-268-1/-2)

VERSIONS

Article Number	Product	Fibres number	Sheath colour	Fibre type	Loose Tubes	Sheath Ø [mm]	Weight [kg/km]	Bending radius [mm]	Tensile load [N]	Crush resistance continuous [N]	Crush resistance short term [N]	Fire load [kWh/km]	Fire load [MJ/km]
190617	ZGGFR Easy Blow 1 x 4	4	black	E9/125 G.652.D	1	8.5	84	140	2500	2000	3000	356	1280
191277	ZGGFR Easy Blow 1 x 4	4	black	G50/125 OM2	1	8.5	84	140	2500	2000	3000	356	1280
191825	ZGGFR Easy Blow 1 x 4	4	black	G50/125 OM3	1	8.5	84	140	2500	2000	3000	356	1280
on request	ZGGFR Easy Blow 1 x 4	4	black	G50/125 OM4	1	8.5	84	140	2500	2000	3000	356	1280
190754	ZGGFR Easy Blow 1 x 4	4	black	G62.5/125 OM1	1	8.5	84	140	2500	2000	3000	356	1280
190363	ZGGFR Easy Blow 1 x 6	6	black	E9/125 G.652.D	1	8.5	84	140	2500	2000	3000	356	1280
on request	ZGGFR Easy Blow 1 x 6	6	black	G50/125 OM2	1	8.5	84	140	2500	2000	3000	356	1280
on request	ZGGFR Easy Blow 1 x 6	6	black	G50/125 OM3	1	8.5	84	140	2500	2000	3000	356	1280
on request	ZGGFR Easy Blow 1 x 6	6	black	G50/125 OM4	1	8.5	84	140	2500	2000	3000	356	1280
on request	ZGGFR Easy Blow 1 x 6	6	black	G62.5/125 OM1	1	8.5	84	140	2500	2000	3000	356	1280
191700	ZGGFR Easy Blow 1 x 8	8	black	E9/125 G.652.D	1	8.5	84	140	2500	2000	3000	356	1280
on request	ZGGFR Easy Blow 1 x 8	8	black	G50/125 OM2	1	8.5	84	140	2500	2000	3000	356	1280
on request	ZGGFR Easy Blow 1 x 8	8	black	G50/125 OM3	1	8.5	84	140	2500	2000	3000	356	1280
on request	ZGGFR Easy Blow 1 x 8	8	black	G50/125 OM4	1	8.5	84	140	2500	2000	3000	356	1280
on request	ZGGFR Easy Blow 1 x 8	8	black	G62.5/125 OM1	1	8.5	84	140	2500	2000	3000	356	1280
190213	ZGGFR Easy Blow 1 x 12	12	black	E9/125 G.652.D	1	8.5	84	140	2500	2000	3000	356	1280
on	ZGGFR	12	black	G50/125	1	8.5	84	140	2500	2000	3000	356	1280

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request	Easy Blow 1 x 12			OM2									
on request	ZGGFR Easy Blow 1 x 12	12	black	G50/125 OM3	1	8.5	84	140	2500	2000	3000	356	1280
on request	ZGGFR Easy Blow 1 x 12	12	black	G50/125 OM4	1	8.5	84	140	2500	2000	3000	356	1280
on request	ZGGFR Easy Blow 1 x 12	12	black	G62.5/125 OM1	1	8.5	84	140	2500	2000	3000	356	1280
190214	ZGGFR Easy Blow 1 x 24	24	black	E9/125 G.652.D	1	9.0	95	145	2500	2000	3000	400	1435
on request	ZGGFR Easy Blow 1 x 24	24	black	G50/125 OM2	1	9.0	95	145	2500	2000	3000	400	1435
on request	ZGGFR Easy Blow 1 x 24	24	black	G50/125 OM3	1	9.0	95	145	2500	2000	3000	400	1435
on request	ZGGFR Easy Blow 1 x 24	24	black	G50/125 OM4	1	9.0	95	145	2500	2000	3000	400	1435
on request	ZGGFR Easy Blow 1 x 24	24	black	G62.5/125 OM1	1	9.0	95	145	2500	2000	3000	400	1435