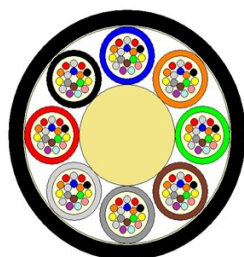


EUROLAN Microcable

Singlemode 288 x 200µm G657.A2



Ordering information

Part number	E-number	Description
39M-S200-288-BL	4988337	Eurolan Microcable 288x200 8,1 mm G657.A2

Specifications

Fiber count	288
No of tubes x no fibres/tube	8 x 36
Colour	Black
Weight kg/km	55
Outer Ø (mm)	8,1
Temperature range (°C)	Installation -10 to +50 Transport and storage -30 to +60
Min bending radius (mm)	Without Tension 15 x Outer ø Under maximum Tension 20 x Outer ø

- ✓ **Application:**
For blowing in microducts.
- ✓ **Glass:** G657. A2
- ✓ **Outer sheat:** High density Polyethylene (HDPE) one ripcord beneath.
- ✓ **Standards:**
IEC/EN 60794
- ✓ **Central' Strength member:**
Glass fibre reinforced plastic rod (FRP).
- ✓ **Loose tube:** Thermoplastic material, containing optical fibres and filled with a suitable water tightness compound.
- ✓ **Filler elements:**
Thermoplastic rods.
- ✓ **Stranding:** Loose tubes (and fillers), SZ stranded around the CSM.
- ✓ **Longitudnal water tightness:** Dry core with water swellable elements.

Main characteristics			
Test	Standard	Specified value	Acceptance criteria **
Max. installation tension	IEC 60794-1-2-E1	1000N Installation	$\Delta\alpha$ reversible, fibre strain $\leq 0,5\%$
Crush	IEC 60794-1-2-E3	1000N, 100mm, max 10 min	$\Delta\alpha \leq 0,05$ dB, no damage
Impact	IEC 60794-1-2-E4	5 J, 3 impacts, R=300mm	$\Delta\alpha \leq 0,05$ dB, after the test
Repeated bending	IEC 60794-1-2-E6	R=10 x cable $\varnothing$, 100N, 30 cycles	No damage
Temperature cycling	IEC 60794-1-2-F1	-30 to +60°C	$\Delta\alpha \leq 0,1$ dB/km
Water Penetration	IEC 60794-1-2-F5B	Sample=3m, water column=1m	No water leakage after 24 hour

All optical measurements at 1550 nm

Fibre colors

No	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua
												

No	13	14	15	16	17	18	19	20	21	22	23	24
Colour	Blue	Orange	Green	Brown	Grey	White	Red	White	Yellow	Violet	Pink	Aqua
	I 	I 	I 	I 	I 	I 	I 	II 	I 	I 	I 	I 

No	25	26	27	28	29	30	31	32	33	34	35	36
Colour	Blue	Orange	Green	Brown	Grey	White	Red	White	Yellow	Violet	Pink	Aqua
	II 	II 	II 	II 	II 	III 	II 	III 	II 	II 	II 	II 

Buffer Tube Colours

No	1	2	3	4	5	6	7	8
Colour	Blue	Orange	Green	Brown	Grey	White	Red	Black
								

Filler Elements Colours: All filler elements are uncoloured (natural).