

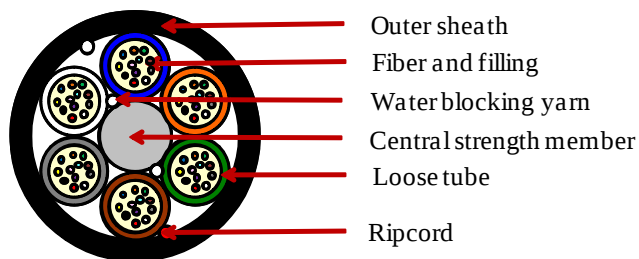
HF FibreCore A-DQ(ZN)2Y Airblown Micro-Cable

Description

Fiber type: 250um G657A1 fiber
Outside sheath: HDPE
FRP: Glass fiber reinforced plastic rod
Tube Stranding: SZ wound around FRP
Water tightness: Water blocking yarns



Construction



72 fiber

Color Code (DIN standard)

Fiber & Loose Tube Color Code Sequence:

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

Other color code can be ordered by prior notice

HF FibreCore A-DQ(ZN)2Y Airblown Micro-Cable

Properties

Fiber count	Loose tube X Fiber	FRP (mm)	Nominal diameter (mm)	Weight (KG/Km)
72	6 x 12	1.6	5.4	26

Outer sheath thickness	Loose tube bending radius	Min. Bending radius	Temperature range
Nom: 0.5 mm	50 mm	Static: 12 X OD Dynamic: 20 X OD	Storage: -40 - +70 °C Installation: -10 - +50 °C Operation: -30 - +70 °C

Test Protocol

Test	Standard	Parameters	Criteria
Installation Tension	IEC 60794-1-2-E1	1.5x Weight	No damage to the Fiber
Short Term Crush	IEC 60794-1-2-E3	1000N /100mm , 1 min	No damage to the Fiber
Repeated bending	IEC 60794-1-2-E6	25 N, 25 cycles	No obvious additional attenuation. No damage
Torsion	IEC 60794-1-2-E7	40 N, 5 cycles	$\Delta a \leq 0.05\text{dB}$, no damage
Coiling performance	IEC 60794-1-2-E20	Coil on standard Drum	The outer sheath has no visible crack. No damage on the cable

Remark: Tests according to IEC 60794 Edition 1.0, 2008-10

All optical tests proceeded at 1550 nm

Test	Standard	Parameters	Criteria
Temperature cycling	IEC 60794-1-2-F1	1000meter sample	Storage, installation and Operation
Water penetration	IEC 60794-1-2-F5	Water column =1 m, Sample cable= 3 m	No water leak through the open end in 24 hours
Filling compound flow	IEC 60794-1-2-E14	Sample count 5 Sample length 300mm	No compound flow from the cable in 24 hours

Remark: Tests according to IEC 60794 Edition 1.0, 2008-10

All optical tests proceeded at 1550 nm

Ordering Information

Standard drum size: 4km/6Km

Printing on the cable: "HF FiberCore""part number""meter" "production code and date"

Part number:

Fiber count	For G657A1 fiber
	Type number
72F	450403