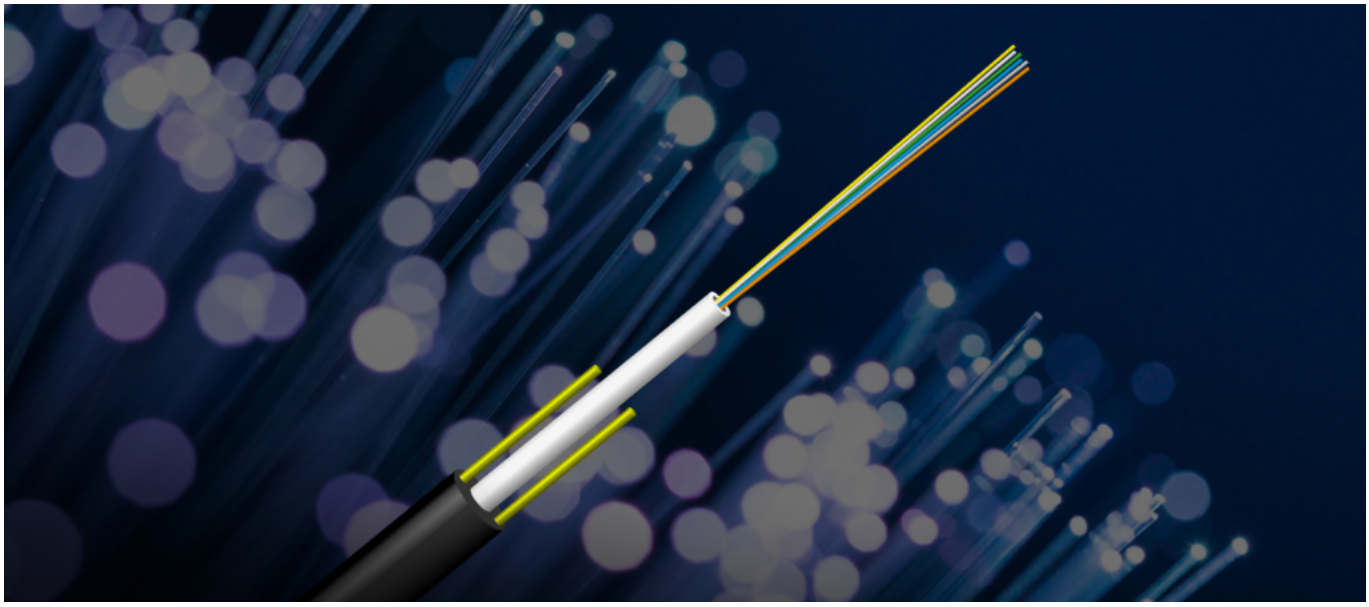


Our mixing “high strength and bending” solution with light weight and low expansion is notably fully suitable with your FTTH cables. Our most common diameters are 0,50 & 1,00mm diameters in two versions : uncoated and EAA coated. Our highest grade raw material to meet your highest standards. => monthly capacity 5 000km

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MATERIAL SAFETY DATA SHEET

ISO 9001 CERTIFICATE

ARP 0,5 mm (+ EAA coating) Characteristics

ITEM	UNIT	SPECIFICATION	TEST METHOD
Appearance	Shall be Good	Good	–
ARP Diameter Tolerance	mm	0.5 ± 0.03	Micrometer
(EAA Coating Tolerance	mm	0.55 ± 0.02	Micrometer)
Specific Gravity	g/mm^2	1.0 ~ 1.3	ASTM D 792
Tensile Strength	Kg/mm^2	Min. 200	ASTM D 3916
Tensile Modulus	Kg/mm^2	Min. 5000	ASTM D 3916
Elongation at Break	%	Min 3.5	ASTM D 3916

ITEM	UNIT	SPECIFICATION	TEST METHOD
Coef. of Thermal Expansion	/℃	Nom. $7*10^{-6}$	–
Minimum Bending Radius	mm	25 X Dia	–

ARP 1,0 mm (+ EAA coating) Characteristics

ITEM	UNIT	SPECIFICATION	TEST METHOD
Appearance	Shall be Good	Good	–
ARP Diameter Tolerance	mm	1.0 ± 0.03	Micrometer
(EAA Coating Tolerance	mm	1.1 ± 0.02	Micrometer)
Specific Gravity	g/mm^2	1.0 ~ 1.3	ASTM D 792
Tensile Strength	Kg/mm^2	Min. 200	ASTM D 3916
Tensile Modulus	Kg/mm^2	Min. 5000	ASTM D 3916
Elongation at Break	%	Min 3.5	ASTM D 3916
Coef. of Thermal Expansion	/℃	Nom. $7*10^{-6}$	–
Minimum Bending Radius	mm	25 X Dia	–