

GJA Waterproof Pig-tail Cable

GJFZY53-FR Fire Resistant Cable

Description

GJA waterproof pigtail cable use simplex cable($\Phi 900 \mu m$ tight buffer fibre, aramid yarn as strength member) as subunits. A fibre reinforced plastic(FRP) locates in the center of core as a non-metallic strength member. The subunits are stranded around the cable core. An aluminum polyethylene laminate is applied around the cable core. The cable is completed with a PE jacket.

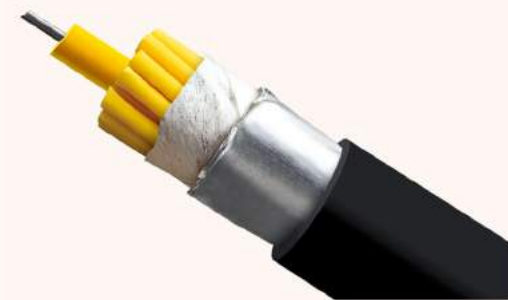
Characteristics

Stranded non-metallic strength member structure ensure the cable endure larger tensile strength

The jacket anti-corrosion, anti-water and anti-ultraviolet radiation etc.

APL moisture barrier

Scientific design with serious processing art



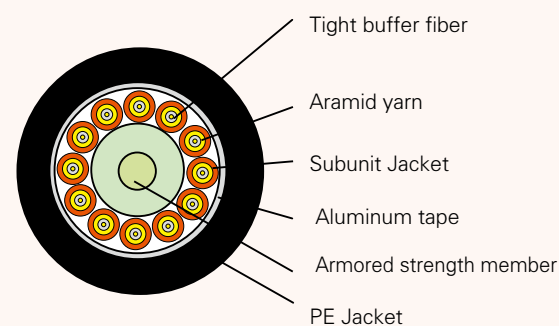
Applications

Indoor any purpose cable distribution

Interconnect from outdoor to indoor for optical cable distribution equipment

Standards

Comply with standard YD/T 1258.4-2005、ICEA-596、GR-409、IEC 60794, etc.



Cable structure

Note: The units have sequential numbering printed on the surface for identification

Technical parameters

Cable Code	Cable Diameter mm	Cable Weight Kg/km	Tensile Strength Long/Short term N	Crush Resistance Long/Short term N/100mm	Bending Radius Dynamic/Static mm
GJA-02	8.9 ± 0.5	58.1	200/660	300/1000	20D/10D
GJA-04	8.9 ± 0.5	58.3	200/660	300/1000	20D/10D
GJA-06	9.8 ± 0.5	73	200/660	300/1000	20D/10D
GJA-08	10.6 ± 0.5	95.7	200/660	300/1000	20D/10D
GJA-12	13.4 ± 0.5	155.2	200/660	300/1000	20D/10D

Transport/Storage/Operating Temperature: -20°C~ +60°C, Installation Temperature: -5°C~ +50°C

Description

GJFZY53-Fire resistant cable: The fibres, 250 μm , are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A Fibre Reinforced Plastic (FRP) locates in the center of core as a non-metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular core. Then the cable core is covered with an inner flame-retardant sheath. After a corrugated steel tape armor is applied, the cable is completed with a outer flame-retardant sheath.

Characteristics

Good mechanical, temperature performance and fire resistant property

High strength loose tube that is hydrolysis resistant

Special tube filling compound ensure a critical protection of fiber

Good crush resistance and flexibility

The following measures are taken to ensure the cable watertight:

Single Fiber Reinforced Plastic as the central strength member

Loose tube filling compound

100% cable core filling

PSP enhancing moisture-proof

Water-blocking material

Scientific design with strict processing

Applications

Indoor distribution

Interconnect from outdoor to indoor for optical cable distribution equipment

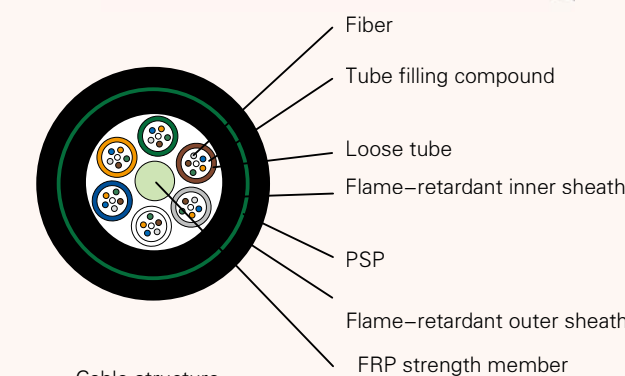
Standards

Comply with standard YD/T 1258.4-2005、ICEA-596、GR-409、IEC60794、IEC60331-25-1999, etc

Technical parameters

Cable Code	Cable Diameter mm	Cable Weight Kg/km	Tensile Strength Long/Short term N	Crush Resistance N/100mm	Bending Radius Dynamic/Static mm
GJFZY53(FR)-6-36	14.2	239	400N/1000N	3000	20D/10D
GJFZY53(FR)-48-60	5.0	260	400N/1000N	3000	20D/10D
GJFZY53(FR)-72	15.5	277	400N/1000N	3000	20D/10D
GJFZY53(FR)-96	17.2	329	400N/1000N	3000	20D/10D

Transport/Storage/Operating Temperature: -20°C~ +60°C, Installation Temperature: -5°C~ +50°C



Cable structure

Note: The units have sequential numbering printed on the surface for identification