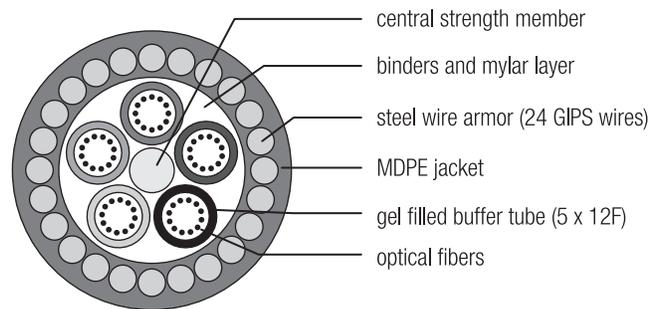


High Strength Steel Wire (HSSW) Armored Fiber Optic Cable

AFL's High Strength Steel Wire (HSSW) Armored Fiber Optic Cable provides the reliability needed for network backbones in harsh environment conditions. The high strength, galvanized plow steel armor is enhanced and offers a significant improvement in mechanical performance as compared to traditional steel tape armored cables.

With a near ten-fold improvement in tensile performance, a two-fold improvement in crush resistance and a three-fold improvement in impact energy resistance, AFL's HSSW Armored Fiber Optic Cable provides the strength and durability needed for the most extreme conditions. AFL's HSSW Armored Cable ideal for use as a direct buried cable in heavy construction zones including wind farm developments, pipelines, oil and gas fields, heavy industrial sites and a variety of additional harsh environments.

Cable Components



Physical Properties

PARAMETER	VALUE
Fiber Count	1-60 *
Nominal Diameter	0.65 inches / 16.5 mm
Nominal Weight	335 lbs/1000 ft. / 500 kg/km
Maximum Tensile Load	5,000 lbs/ 22.2 kN **
Minimum Bend Radius	13 inches / 33 cm
Temperature Range	Installation: -40°C to + 70°C Operation: -50°C to + 70°C ***

- * Any combination of up to 60 fibers available
- ** Higher strength options available upon request
- *** Expanded temperature ranges available upon request

Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
Telcordia	GR-409-CORE	Cable

Contact AFL for further details.