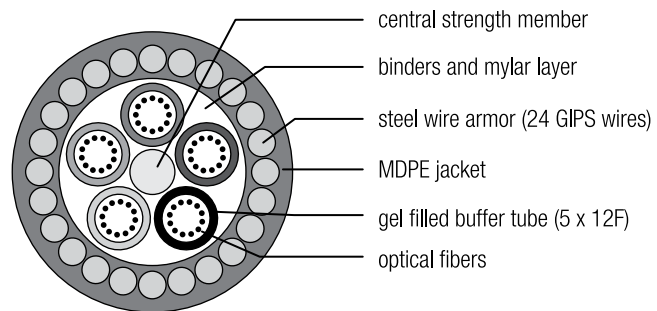


High Strength Steel Wire (HSSW) Armored Fiber Optic Cable

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. 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, AFL's HSSW armored cable meets or exceeds all requirements specified in Telcordia GR-20-Core.

Cable Components



Physical Properties

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

* Any combination of up to 60 fibers available

** Higher strength options available upon request

*** Expanded temperature ranges available upon request