

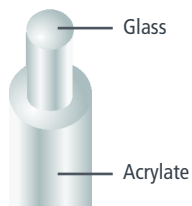


Strains on Your System

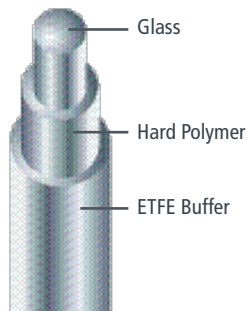
Solutions with OFS Solar Cables

- Water (rain and flooding) ----- > Water blocked for wet conditions
- Ground & Air freeze—thaw cycles ----- > Wide operating temperature range -40 to +80°C
- Lightning ----- > Immune to EMI/RFI and lightning-induced equipment damage
- Rodents ----- > Available with corrugated steel tape armor for direct burial
- Variable material costs ----- > Stable cost compared to copper
- Remote locations ----- > Easy on-site field repairs | High tensile strength | Lighter weight | High bandwidth supports high data rates over longer distances

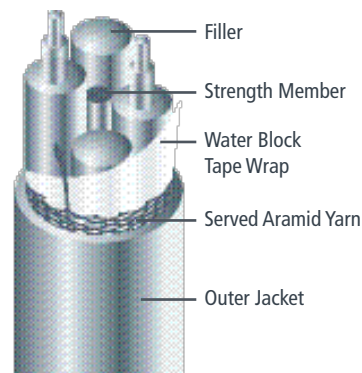
Standard Glass Optical Fiber



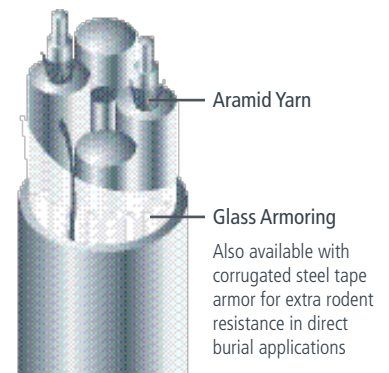
HCS Optical Fiber
(Stronger, more Rugged)



Heavy Duty Breakout Cable



Heavy Duty Breakout Cable with Aramid Yarn and Glass Armor



How does OFS make it even easier to use fiber in your system?

- Easy Crimp & Cleave Termination—no polishing required
- Cut to length in the field—terminate on location
- Consistent end-face quality with no consumables
- **Rugged, Durable, Crush Resistant**—tested for minimum tensile strength of 100,000 psi

Total Package — Technician-Friendly Solution

OFS is your one source for everything you need:

- [Cable](#) | [Connectors](#) | [Termination Kits](#) | [Test Kits](#)

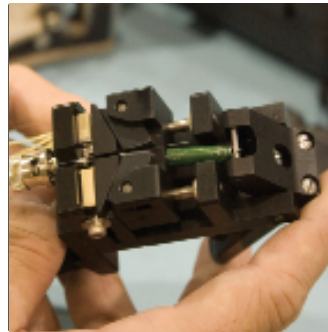
Key Specifications for Cables in three popular core sizes:

Crimp & Cleave Solution	Fiber Bandwidth @850 nm	Insertion Loss
50 μ m Graded-Index	> 400 MHz-km	1.7 dB
62.5 μ m Graded-Index	> 200 MHz-km	1.7 dB
200 μ m Step-Index	> 8 MHz-km	1.5 dB

Crimp & Cleave termination is so easy . . . here's how it works!



Crimp the connector directly onto the fiber coating for strong, solid connector retention.



Cleave the fiber end face with the pull of a trigger and no consumables.



Finished! a connectorized cable ready to plug in to your application.

Crimp & Cleave compatible connectors: V-Pin for V-System®, ST®, SMA

SC and LC® Connectors are also compatible with these cables using an epoxy/polish termination method.

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