



# Fiber Optic Cable

Del Lighting offers several different types of fiber optic cable made from pMMA (polymethyl methacrylate) “acrylic” fiber. We don’t offer glass fiber because its so hard to work with; it doesn’t bend well and is hard to prepare a harness. Most of our cable is made up of various amounts of 0.75mm (0.03”) cable. For instance, our E-S50 cable has 50 of the 0.75mm fiber optic cables inside a black PVC jacket. Solid core cable is also made up of pMMA acrylic but it has different characteristics. It is somewhat like a plastic jello inside of a harder plastic tube. It is much harder to bend than the stranded cable and, while it is brighter in cross section, you lose light output because less cables can go into a harness. For example, the X20-75 illuminator can handle 15 runs of the E-S50 cable, but only 12 of the SCE-6 solid core cable.

### Side Emitting Stranded Cable (UV protected)

- S-S25 25 Strand (For pool installation only)
  - S-S30 30 Strand 3/8 diameter
  - S-SO40 40 Strand 1/4x5/8 Oval with sparkle effect
  - S-SO75 75 Strand 1/4x5/8 Oval
  - S-S75 75 Strand 1/2” diameter Round
  - S-SB84 Braided\* 84 Strand 12.6 mm
  - S-SB126 Braided\* 126 Strand 15.8 mm
  - S-SBC126 Braided\* 126 Strand Crystal Coat
- \*Braided cable is the brightest, strongest fiber optic cable on the market today.

### End Emitting Stranded Cable

- E-S7 7 Strand 3.8 mm diameter
- E-S14 14 Strand 5.2mm diameter
- E-S25 25 Strand 7 mm
- StarPac 48 Cable (34-0.75mm,10-1mm, 4-1.5mm)
- E-S50 50 Strand 9.4 mm
- E-S75 75 Strand 10.5 mm
- E-S100 100 Strand 12mm
- E-S126 126 Strand 13 mm
- E-S150 150 Strand 15mm diameter
- E-S225 225 Strand 15.5mm diameter
- E-S300 300 Strand 16mm diameter

Solid core explained ~  
SCE-3 (5mm) means: Solid Core, End Emitting 3mm active light diameter and 5mm outside diameter. If the “E” is replaced with an “S” that means Side Emitting cable  
This code is used on all solid core cable.

### Solid Core Cable

- SCE-6 (8.6mm-1/3”) End Emitting - 30m Roll
- SCE-10 (13mm-1/2”) End Emitting - 30m Roll
- SCS-10UV (13mm) Side Emitting with UV Jacket
- SCE-11 (14 mm) End Emitting - 30m Roll

**Most cable is available in 500 foot lengths. Please call for availability.**

All pricing is subject to change without notice.

Please call for availability on fiber optic cable. Not all cables or lengths are available 100% of the time.