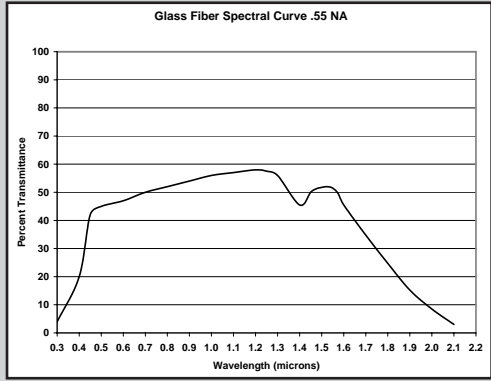
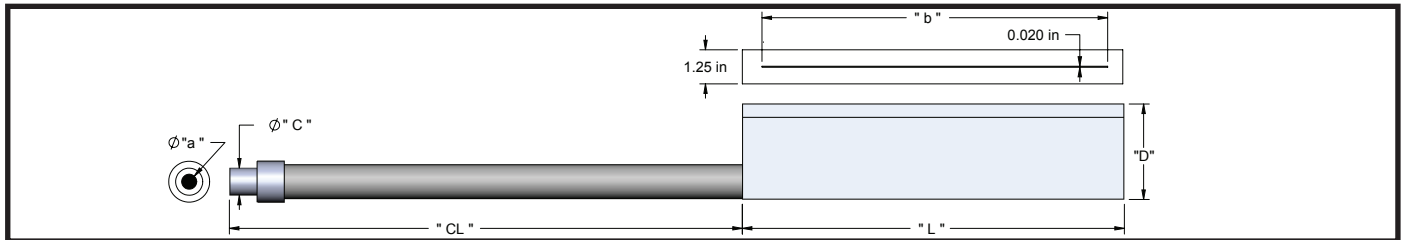


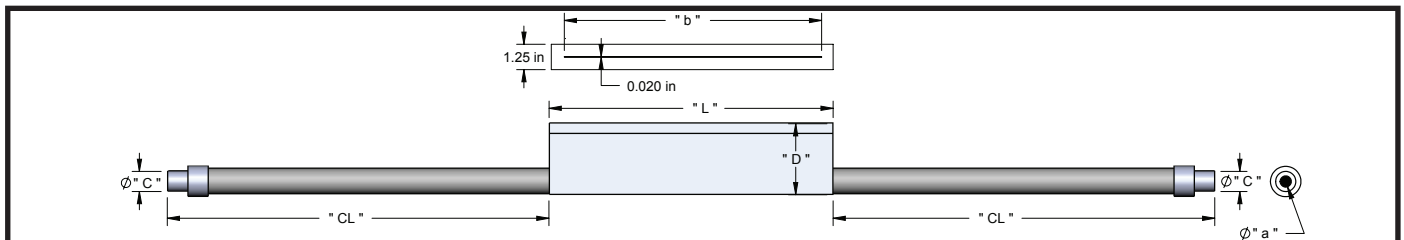
Glass Fiber Optic Line Lights - Borosilicate core/Borosilicate clad

| Spectral Curve | Specifications | |
|---|---------------------------|---|
|  | Individual Fiber Diameter | 0.002" (0.051 mm) Typical; 0.001" (0.025 mm) Available |
| | Acceptance Cone | 68.0° |
| | Numerical Aperture | .55 |
| | Fiber Material | Core: Borosilicate Cladding: Borosilicate |
| | Temperature capabilities | -40°F to 220°F (-40°C to 107°C) |
| | Spectral Transmittance | 400nm-2000nm (.40-2.0 microns) |
| | Minimum Bend Radius | 1 1/2" for 1/8" and 1/16" bundle diameter / 3" for 1/4" bundle dia. |
| | Maximum Breakage | 2% |
| | Housing Material | Anodized Black Aluminum Housing |



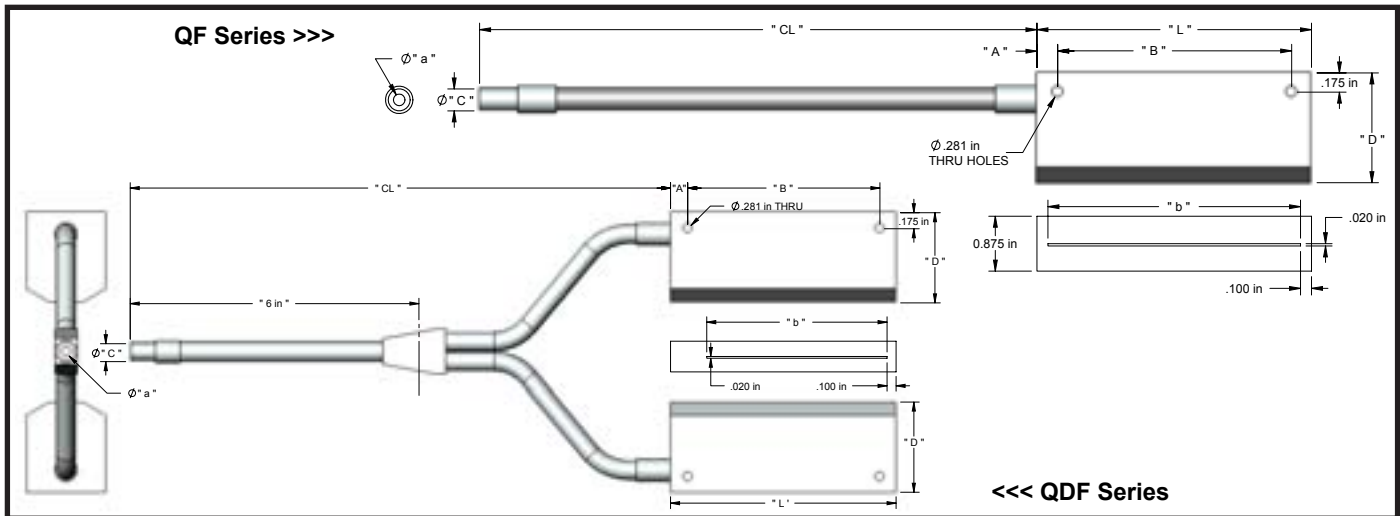
QF- Standard End Ferrule, PVC Sheathing, Rated for -40°F to 221°F

| Model | Part # | a | b | c | L | D | CL |
|---------|--------------|-----------|-----------|----------------|-----------|-----------|---------------------|
| QF5536 | 700004840036 | .550" | 12.00" | .995" (25.3mm) | 14.31" | 2.687" | 36" (914.40 mm) 48" |
| QF5548 | 700004840048 | (13.97mm) | (304.8mm) | | (363.5mm) | (68.25mm) | (1219.2 mm) 72" |
| QF5572 | 700004840072 | | | | | | (1828.8 mm) |
| QF7836 | 700004060036 | .760" | 24.00" | .995" (25.3mm) | 26.31" | 2.687" | 36" (914.40 mm) 48" |
| QF7848 | 700004060048 | (19.30mm) | (609.6mm) | | (668.3mm) | (68.25mm) | (1219.2 mm) 144" |
| QF78144 | 700004060144 | | | | | | (3657 mm) |



QF- Standard End Ferrule, PVC Sheathing, Rated for -40°F to 221°F

| Model | Part # | a | b | c | L | D | CL |
|----------|--------------|-----------|------------|----------------|------------|-----------|-----------------|
| QF9648 | 700004910048 | .679" | 36.00" | .995" (25.3mm) | 38.31" | 2.687" | 48" (1219.2 mm) |
| QF11048 | 700001470048 | .778" | 48.00" | .995" (25.3mm) | 50.3" | 2.687" | 48" (1219.2 mm) |
| QF11072 | 700001470072 | (19.76mm) | (1219.2mm) | | (1277.6mm) | (68.25mm) | 72" (1828.8 mm) |
| QF110120 | 700001470120 | | | | | | 120" (3048.0mm) |



QF- Standard End Ferrule, Stainless Steel Sheathing, Rated for -40°F to 221°F

| Model | Part # | a | b | c | A | B | L | D | CL |
|---------|--------------|----------|----------|----------|----------|-----------|-----------|----------|-----------------|
| QF2036 | SK79200036 | | | | | | | | 36" (914.40 mm) |
| QF2048 | SK79200048 | .20" | 1.50" | .312" | .19" | 2.13" | 2.50" | 1.50" | 48" (1219.2 mm) |
| QF2072 | SK79200072 | (5.08mm) | (38.1mm) | (7.92mm) | (4.83mm) | (54.1mm) | (63.5mm) | (38.1mm) | 72" (1828.8 mm) |
| QF2084 | SK79200084 | | | | | | | | 84" (2133.6 mm) |
| QF2048M | 002114480048 | .20" | 1.50" | .588" | .19" | 2.13" | 2.50" | 1.50" | 48" (1219.2 mm) |
| QF2836 | SK79210036 | .28" | 3.00" | .436" | .50" | 3.00" | 4.00" | 2.00" | 36" (914.40 mm) |
| QF2848 | SK79210048 | (7.11mm) | (76.2mm) | 12.8mm | (12.7mm) | (76.2mm) | (101.6mm) | (50.8mm) | 48" (1219.2 mm) |
| QF2872 | SK79210072 | | | | | | | | 72" (1828.8 mm) |
| QF2848M | 002114410048 | .28" | 3.00" | .588" | .50" | 3.00" | 4.00" | 2.00" | 48" (1219.2 mm) |
| QF3936 | SK79220036 | .39" | 6.00" | .562" | .50" | 6.50" | 7.50" | 2.50" | 36" (914.40 mm) |
| QF3948 | SK79220048 | (9.91mm) | (152mm) | (14.3mm) | (12.7mm) | (165.1mm) | (190.5mm) | (63.5mm) | 48" (1219.2 mm) |
| QF3972 | SK79220072 | | | | | | | | 72" (1828.8 mm) |
| QF3948M | 002114460048 | .39" | 6.00" | .588" | .50" | 6.50" | 7.50" | 2.50" | 48" (1219.2 mm) |
| QF5048 | SK91190048 | .50" | 10.00" | .625" | .50" | 10.50" | 11.50" | 2.50" | 48" (1219.2 mm) |
| QF5072 | SK91190072 | (12.7mm) | (254mm) | (15.9mm) | (12.7mm) | (266.7mm) | (292.1mm) | (63.5mm) | 72" (1828.8 mm) |
| QF5096 | SK91190096 | | | | | | | | 96" (2438.4 mm) |

QDF- Standard End Ferrule, Stainless Steel Sheathing, Rated for -40°F to 221°F

| Model | Part # | a | b | c | A | B | L | D | CL |
|----------|--------------|----------------|----------|----------|-----------|-----------|-----------|----------|-----------------|
| QDF2048 | SK79230048 | .28" | 1.50" | .436" | .19" | 2.13" | 2.50" | 1.50" | 48" (1219.2 mm) |
| QDF2072 | SK79230072 | (7.11mm) | (38.1mm) | 12.8mm | (4.83mm) | (54.1mm) | (63.5mm) | (38.1mm) | 72" (1828.8 mm) |
| QDF2048M | 002114420048 | .28" | 1.50" | .588" | .19" | 2.13" | 2.50" | 1.50" | 48" (1219.2 mm) |
| QDF2848 | SK79240048 | .39" | 3.00" | .562" | .50" | 3.00" | 4.00" | 2.00" | 48" (1219.2 mm) |
| QDF2872 | SK79240072 | (9.91mm) | (76.2mm) | (14.3mm) | (12.7mm) | (76.2mm) | (101.6mm) | (50.8mm) | 72" (1828.8 mm) |
| QDF2896 | SK79240096 | | | | | | | | 96" (2438.4 mm) |
| QDF2848M | 002114440048 | .39" | 3.00" | .588" | .50" | 3.00" | 4.00" | 2.00" | 48" (1219.2 mm) |
| QDF3948 | SK79250048 | .55" (14.0 mm) | 6.00" | .625" | .50" | 6.50" | 7.50" | 2.50" | 48" (1219.2 mm) |
| QDF3972 | SK79250072 | (152mm) | (15.9mm) | (12.7mm) | (165.1mm) | (190.5mm) | (63.5mm) | (63.5mm) | 72" (1828.8 mm) |
| QDF5048 | SK91200048 | .71" | 10.00" | .995" | .50" | 10.50" | 11.50" | 2.50" | 48" (1219.2 mm) |
| QDF5052 | SK91200052 | (18.0mm) | (254mm) | (25.3mm) | (12.7mm) | (266.7mm) | (292.1mm) | (63.5mm) | 52" (1320.8 mm) |
| QDF5072 | SK91200072 | | | | | | | | 72" (1828.8 mm) |

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