
“Premises Cable Maximum Tensile Rating” Application Note AN-983

Below are the maximum tensile ratings for standard OFS premises cables.

ACCUMAX® Distribution Cable

Fiber Count	Maximum Installation Load
Single Tube	
2 – 8	275 lb (1223 N)
12	300 lb (1334 N)
18 & 24 (Riser)	300 lb (1320 N)
18 & 24 (Plenum)	150 lb (660 N)
Multi Tube	
18 - 36	500 lb (2224 N)
48 – 144	600 lb (2700 N)

Minicord® Breakout Cable

Fiber Count	Maximum Installation Load
2 – 4	150 lb (667 N)
6	200 lb (890 N)
8	300 lb (1335 N)
12	400 lb (1779 N)
18 – 36	500 lb (2224 N)
48 – 72	600 lb (2700 N)

Notes:

Tensile rating = Maximum installation load
Per GR-409 standards, the residual load is 25% of rated tensile rating.

AccuDry™ Indoor/Outdoor Cable

Fiber Count	Maximum Installation Load
2 - 12	300 lb (1334 N)
18 - 72	600 lb (2700 N)

AccuFlex® PLUS Round Ribbon Cable (Plenum Rated)

Fiber Count	Maximum Installation Load
12 - 72 (Plenum)	200 lb (890 N)

Enhanced AccuFlex® PLUS Round Ribbon Cable

Fiber Count	Maximum Installation Load
12 - 144 (Riser & Non-Halogen)	300 lb (1335 N)
12- 72 (Plenum)	150 lb (667 N)

AccuRibbon® Flat Ribbon Cordage

Fiber Count	Maximum Installation Load
2 - 24	100 lb (445 N)

AccuBreeze® Interconnect Cordage

Fiber Count	Maximum Installation Load
4, 6, 8 & 12 Fibers	100 lb (445 N)

Notes:

Tensile rating = Maximum installation load
Per GR-409 standards, the residual load is 25% of rated tensile rating

Standard Interconnect Cordage

Cordage Type	Maximum Installation Load
1.6mm Simplex Cordage	35 lb (155 N)
1.6mm Duplex Zipcord Cordage	70 lb (310 N)
2.0mm Simplex Cordage	35 lb (155 N)
2.0mm Duplex Zipcord Cordage	70 lb (310 N)
3.0mm Simplex Cordage	60 lb (260 N)
3.0mm Duplex Zipcord Cordage	120 lb (520 N)
3.0mm Duplex Overjacketed Cordage	200 lb (889 N)
4.8mm Simplex Cordage	98 lb (440 N)

Notes:

Tensile rating = Maximum installation load

Per GR-409 standards, the residual load is 25% of rated tensile rating