

LITEflight® EP Fiber Optic Cables



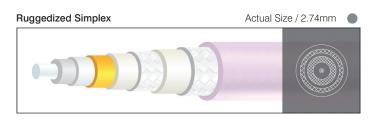
Ruggedized Simplex

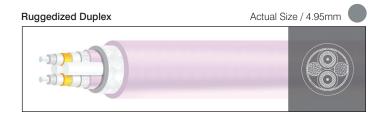
INTRODUCTION

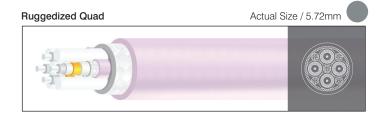
CarlisleIT introduces the LITEflight® EP (Enhanced Performance) family of aerospace grade fiber optic cables. The new LITEflight® EP series provides all the performance and benefits of its predecessor necessary to function in the harsh environments of your aerospace and military applications but with lower loss, tighter bend radius, improved thermal stability and better handling during termination and installation. Unlike tight structure cables, the LITEflight® EP semi-loose structured cables are compatible with all commercially available fiber optic termini and connectors. LITEflight® EP is available in multiple sizes, configurations and temperature ratings to 260°C in order to meet the most demanding application requirements.

NFO(EP)-125-1	NFO(EP)-125-3M4
Typical Value	Typical Value
1.8 mm	1.8 mm
4.6 kg/km	4.6 kg/km
6.0 mm	6.0 mm
9.0 mm	9.0 mm
2.8 dB/km	2.9 dB/km
0.6 dB/km	0.8 dB/km
0.10 dB∆/30 m	0.10 dB∆/10 m
0.10 dB∆/30 m	0.10 dB∆/10 m
2.0 N/.45 mm	2.0 N/.45 mm
0.18 dB △	0.18 dB △
	1.8 mm 4.6 kg/km 6.0 mm 9.0 mm 2.8 dB/km 0.6 dB/km 0.10 dB△/30 m 0.10 dB△/30 m 2.0 N/.45 mm

SIMPLEX Actual Size / 1.8mm







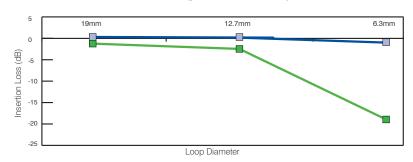
^{*}All testing performed in accordance with EN-3745 or ARINC 802 Methods.

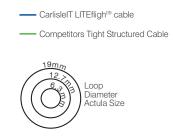
Learn more: CarlislelT.com/products/fiber-optic-products

LITEflight® EP Fiber Optic Cables

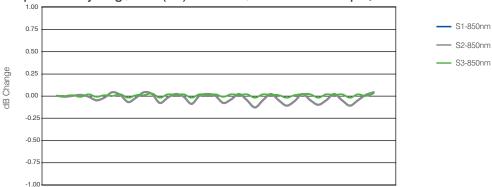
PERFORMANCE EXAMPLES

Cable Kink Performance Loss (per EN3745-509)

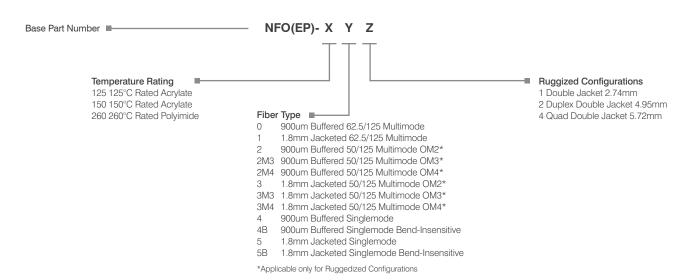




Temperature Cycling / NFO(EP)-125-3M4 / 10m Cable Sample; -65°C to +125°C



PART NUMBER GUIDE





See CarlisleIT's line of Fiber Optic products at: CarlisleIT.com/products/fiber-optic-products

(+1) 800-227-5953 Sales@CarlisleIT.com