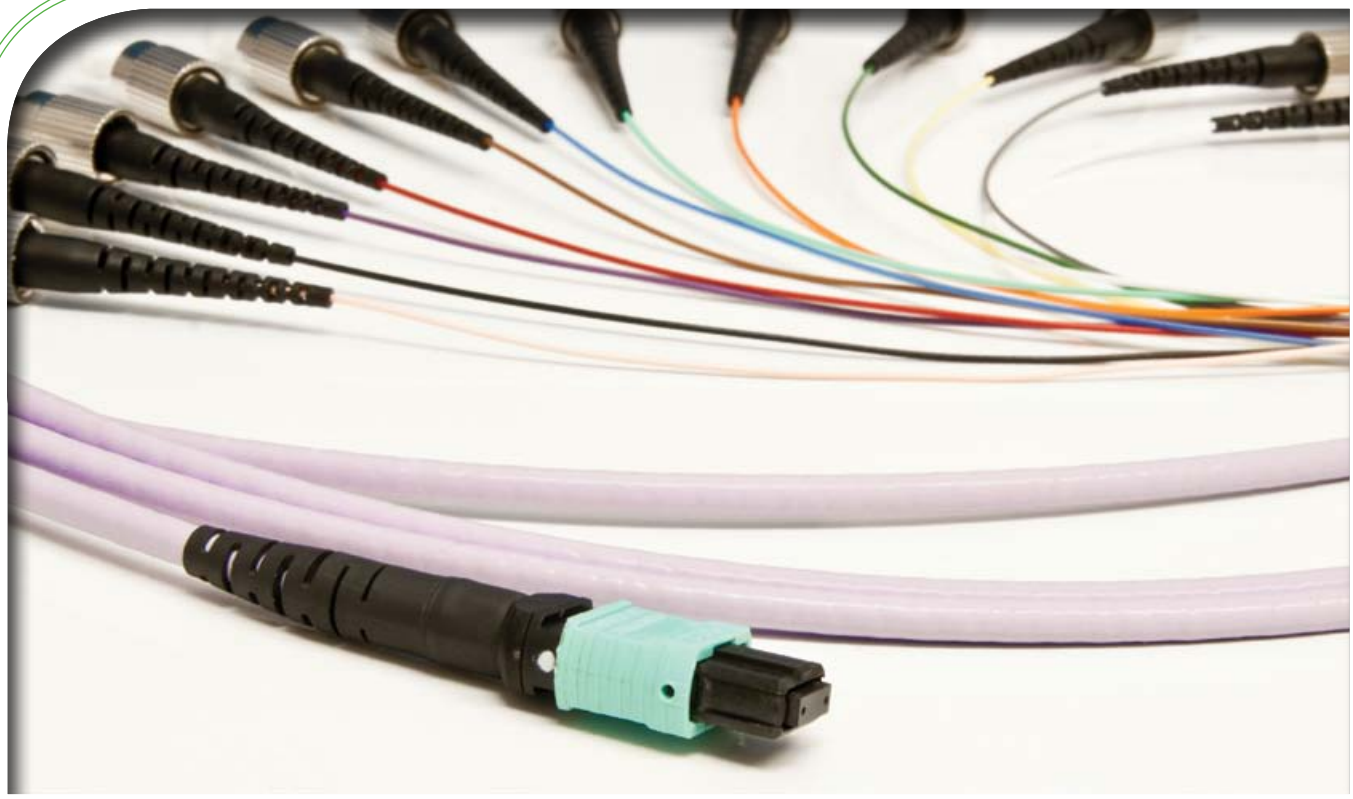
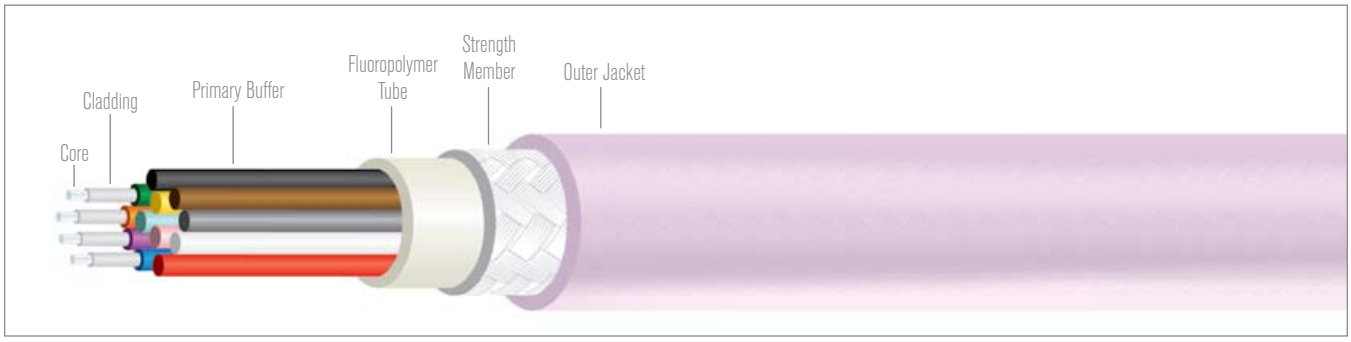
LITEflight® HD
Fiber Optics / 12, 24 & 48 Configurations

CARLISLE INTERCONNECT TECHNOLOGIES



LITEflight® HD Assembly



INTRODUCTION

CarlisleIT LITEflight® HD (High Density) fiber optic cables build on the industry leading performance of all CarlisleIT fiber cable products with a cable designed for compatibility with cutting edge fiber optic connector designs. LITEflight® HD cables offer a multi-channel fiber cable in the smallest package, compatible with industry leading MPO connector interfaces and emerging multi-fiber termination connectors. LITEflight® HD cables offer system designers maximum interconnect density with cable designed and tested to perform in the harshest environments.

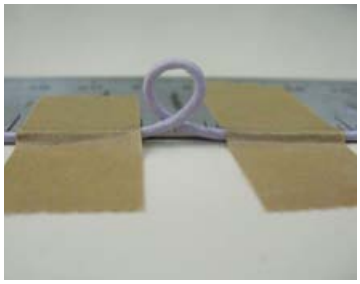
FEATURES

» FAR 25 Flame Compliance
» Low Smoke & Toxicity
» No preferential bend axis (360°)
» Broad Temperature Range: -65°C to +150°C
» Designed for Harsh Aerospace Environments
» Rugged for Severe Installation Requirements

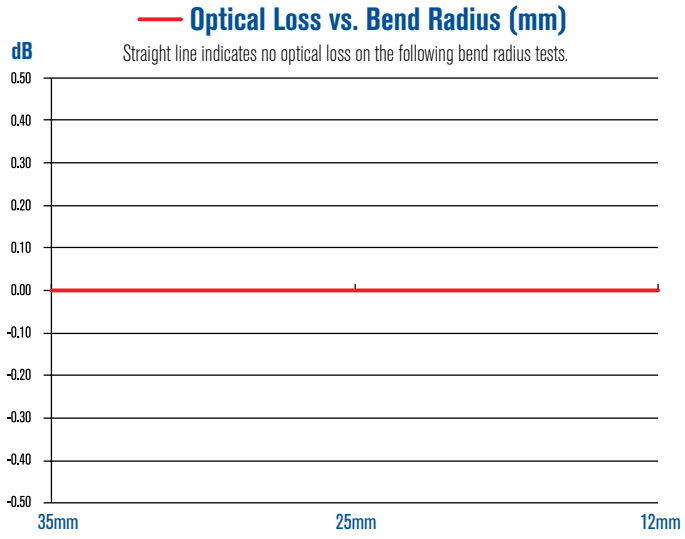
Carlisle Interconnect Technologies / 6801 S. 180th St., Tukwila, WA 98188
Toll Free - 800.227.5953 / Fax - 425.251.8826 / CarlisleIT.com

ITAR FREE

PERFORMANCE EXAMPLES

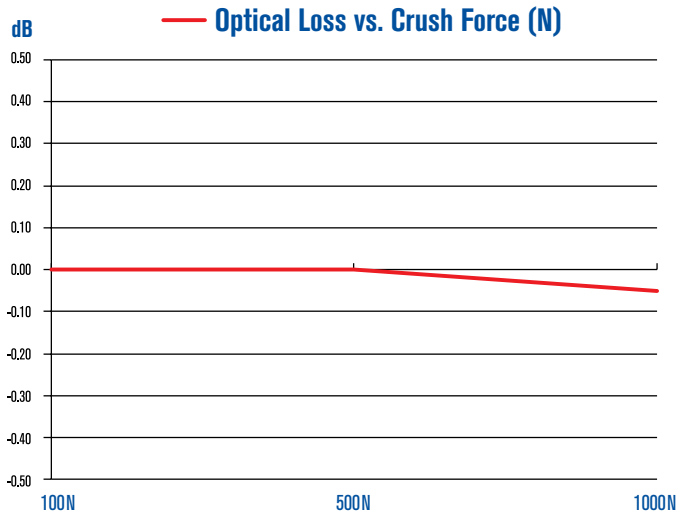


Radius	dBΔ
35mm	0.00
25mm	0.00
12mm	0.00



N	dBΔ
100N	0.00
500N	0.00
1000N	-0.05

N is Newton



PART NUMBER GUIDE

Base Part Number

NFO(HD) - X - Y - Z*

X	Temperature Rating
125	125C Rated Acrylate
150	150C Rated Acrylate
260	260C Rated Polyimide

Y	Fiber Type
1	250um Buffered 62.5/125 Multimode
3M3	250um Buffered 50/125 Multimode OM3*
3M4	250um Buffered 50/125 Multimode OM4*
5B	250um Buffered Singlemode Bend-Insensitive

Z*	Fiber Count*
12	12
24	24
48	48

* Other fiber counts available.

Carlisle Interconnect Technologies / 6801 S. 180th St., Tukwila, WA 98188
Toll Free - 800.227.5953 / Fax - 425.251.8826 / CarlisleIT.com

Rev. 053112-2000

© Carlisle Interconnect Technologies, 2012. All trademarks, service marks and trade names are property of their respective holding companies. All Rights Reserved.