

OPTIONAL CONSTRUCTIONS

HCS DataLight Armored MTD Cables contain up to 12 color-coded, tight or semi-tight buffer optical fibers.

In 2-12 fiber cables, all fibers are cabled together, reinforced by water-blocking swellable aramid strength yarns and protected with a flame-retardant, UV resistant LSOH Jacket. A layer of corrugated steel armor covered with a black, UV resistant PE outer jacket render the cable suitable for harsh environments and rodent-infested areas.

A rip-cord is located under the steel armor, for fast and easy armor and jacket removal.

The cables fully comply with the EIA/TIA FOTP 82B longitudinal water-blocking test.

Basic Fiber	As selected from the FIBER OPTIONS Section
Buffer Type	Tight or Semi-tight
Buffer OD	900 microns nom
Strength Elements	Served aramid yarns, providing longitudinal water blocking
Number of Fibers	2-12
Inner Jacket	LSOH Halogen free and flame retardant compound
Armor	150 microns rodent resistant corrugated steel tape
Outer Jacket	Heavy duty, UV Resistant PE compound
Standard Outer Jacket Color	Black RAL 9005. Other colors available upon request
Standard Surface Marking	Includes HCS P/N, Cable Description, Meter Mark and Batch Number
Storage and Transportation Temperature	-20 to +70°C
Installation Temperature	0 to +50°C
Operation Temperature	-10 to +50°C

ORDERING INFORMATION

HCS P/N	Description	Buffer	OD mm	Weight kg/km
GFO-00201	2 Fibers Black	Tight	9.6	103
GFO-00202	2 Fibers Black	Semi-Tight	9.6	126
GFO-00401	4 Fibers Black	Tight	9.8	108
GFO-00402	4 Fibers Black	Semi-Tight	9.8	130
GFO-00601	6 Fibers Black	Tight	11.4	133
GFO-00602	6 Fibers Black	Semi-Tight	11.4	160
GFO-00801	8 Fibers Black	Tight	11.9	144
GFO-00802	8 Fibers Black	Semi-Tight	11.9	172
GFO-01201	12 Fibers Black	Tight	12.1	150
GFO-01202	12 Fibers Black	Semi-Tight	12.1	179

Notes:

1. The "FO" in the P/N is replaced by the fiber designation selected from the **FIBER OPTIONS** Table.
2. Packaging options to be discussed with HCS Customer Service.
3. The standard jacket color is Black RAL 9005. Other colors available upon request.
4. Outer jacket is available LSOH. This option can be discussed with HCS Customer Service