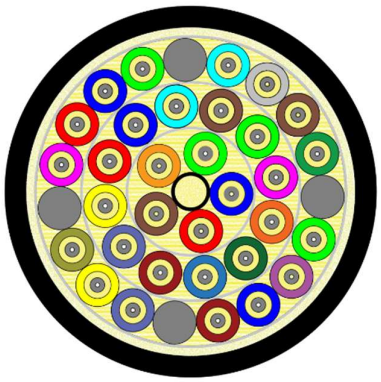
AresX Field Deployable Military Breakout Cable

32 Fibers tight buffer vertical installation design

Cable Specification



- not to scale -

Applications

Field Deployable Military Breakout Fiber Optic Cable is designed for military communications, remote control link, weapon operation and operation in harsh environment.

Features

Super light weight

Extremely rugged for rapid or repeated deployment

Super Flexible

Easily coiled and uncoiled

Technical data

Fiber	**Core**	**32F** G657A2 BI Fiber *BI: Bend Incensitive
Subunit Jacket		**LSOH** (FR-TPO is available as an option for premium requirement)
Central Strength Member		**Flexible Aramid Yarn coated with PUR**
Cable Core Strength Member		**Aramid Yarn**
Enhanced Strength Member		**Aramid Yarn**
Outer Jacket		**FR-PUR**
Overall Diameter (Nom)	**mm**	**16.3±0.5**
Fiber Colour		**EIA/TIA 598**

Mechanic Properties

Permanent Tensile Strength (N)	**IEC 794-1 E1 EN 187 000 501**	**1000N**
Short Term Tensile Strength (N)	**IEC 794-1 E1 EN 187 000 501**	**2700N**

Permanent Crush Strength (N)/100mm	**IEC 794-1 E3 EN 187 000 504**	**300**
Short Term Crush Strength (N)/100mm	**IEC 794-1 E3 EN 187 000 504**	**1000**
Temperature range (N)/100mm	**IEC 794-1-2 F1**	**-40 ~ 70°C (Storage) -10 ~ 60°C (Installation) -20 ~ 70°C (Operation)**

Sheath Colour:

Black Colour (RAL 9002)

Sheath Marking:

The outer sheath is marked in 1 meter intervals as follows:

HERMESYS ARESX Military Field deployed CABLE 32C <G657A2> <FR-PUR> JACKET <P/N> <YYMM> (xxxx) M

Logistic Information

Packing:

Wooden drums with protection.

Delivery Lengths:

Standard delivery length is 2000M per drum with a tolerance of ± 3%.

Hermesys 2020, All Rights Reserved
All sizes and values without tolerances are reference values. Specifications are for product as supplied by Hermesys: any modification or alteration afterwards of product may give different result.
The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Hermesys. The information is believed to be correct at the time of issue. Hermesys reserves the right to amend this specification without prior notice.