



PRODUCT DESCRIPTION

A high performance Low Smoke and Zero Halogen (LSZH) sheathed optical fibre breakout cable combining individual colour coded breakout units in an overall MOD grade LSZH sheath giving the benefits of fluid resistance whilst maintaining flexibility.

LSZH Breakout Cables

from 2 – 8 fibres (4f shown for illustrative purposes)

Performance Parameters

Parameter	2F	4F	8F
Cable diameter	9.3mm	9.3mm	12.1mm
Nom cable weight	82kg/km	81kg/km	100kg/km
Max tensile load	800N	800N	1000N
Bend Radius	95mm	95mm	128mm
Max Crush Resistance	200N / cm		
Cable Cold Bend	10 cycles		
Max Temp Range	-30°C to +85°C		
Impact Resistance	100 x 1Nm		
Cable Snatch	10 cycles		
Fluid Resistance	Fuel oil, Hydraulic fluid, Lubricating oil and Water		
Fire Performance			
Fire	IEC 60332-1-2		
Smoke Index	Pass to NES711		
Toxicity Index	Pass to NES713		

NATO Stock Numbers

HF008T2L NES	NSN 6015-99-053-5105
HF062T2L NES	NSN 6015-99-053-5112
HF008T4L NES	NSN 6015-99-053-5106
HF062T4L NES	NSN 6015-99-053-5113
HF008T8L NES	NSN 6015-99-053-5107
HF062T8L NES	NSN 6015-99-053-5114

PRODUCT CHARACTERISTICS

OPTICAL SUB-UNIT

Fibres	Individually coloured tight buffered optical fibres
Strength	Aramid yarn strength members
Unit Sheath	Individually coloured high performance LSZH sheath generally to Def Stan 61-12 Part 31

CABLE

Binder	Overall tape
Overall sheath	Violet high performance LSZH sheath generally to Def Stan 61-12 Part 31

These cables are available in all standard singlemode and multimode fibre types.

This cable range is approved by the MOD to Def Stan 60-1 Part 2

The information contained in this document is valid and correct at the time of issue. However, we reserve the right to modify details without notice in the light of subsequent Standard / Specification changes and ongoing technical developments. Diagram colours are used for representation only.