



K. LACEY WIRES AND CABLES

UNIFLEXEFGLAS

MANUFACTURED TO DEFENCE STANDARD : DEF 61-12 Pt 30 Iss. 1

CONSTRUCTION

Silver Plated Copper Wire Conductor. Single core. Conductor covered with a braid of PTFE impregnated glass yarn. Covered by a taped and sintered PTFE Sheath. Colour – Grey.
Flexefglasmet cable has an additional silver plated copper braid.

SPECIFICATION

DEF 61-12 Pt 30 Issue 1 (Supersedes EL2011)

SCOPE

Operating Temperature from +200°C to -75°C
Voltage Rating 400V (r.m.s.) at 1600Hz.

These cables are particularly suitable for airframe wiring for use where flexibility is of paramount importance. Flexefglas remains flexible for applications at temperatures down to -75°C. It does not support combustion and will withstand contamination by the fluids listed in BS G230 Table 3. Flexefglas is flame and smoke emission resistant. Excellent resistance to aviation oils and fluids, hydraulic fluids, De-icing Fluids, Cleaning Solvents, Fungus and Mildew

Cable Type and Size	Nato Stock No. 6145-99-	Conductor				Cable		
		Area mm ²	Strand mm	Dia. Nom. mm	Max. Resistance @ 20°C Ω / km	O/Dia. Min. mm	O/Dia. Max. mm	Max. Weight. kg / km
Flexefglas 20	446-6444	0.555	49/0.012	1.08	37.50	1.79	2.04	8.90
Flexefglas 16	650-2063	1.270	112/0.12	1.65	15.50	2.33	2.63	17.60

Cable Type and Size	Nato Stock No. 6145-99-	Nom. Dia of braid Strands mm	No. Of Spindles	Ends Per Spindle	O/Dia min mm	O/Dia max mm	Nom. Cable Weight kg/km
Flexefglasmet 20	106-2505	0.10	16	4	2.20	2.51	16.40
Flexefglasmet 16	891-9217	0.10	16	6	2.73	3.13	26.00

Additional information for screened types :- Wire dimensions remain as per table above.

CONTACT US NOW FOR A QUOTATION

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