



K. LACEY WIRES AND CABLES

EFGLASMET AND EFGLASMETSHEATH

MANUFACTURED TO BRITISH STANDARD BSG 222

CONSTRUCTION

Efglas

Nickel Plated Copper Wire Conductor. PTFE Insulated. Fibrous Glass Tape. PTFE Impregnated Glass Yarn Braid (for added strength). Colour – White

Efglasmet

Similar to Efglas with an additional nickel plated copper braid

Efglasmetheath

Similar to Efglasmet with an additional external sheath of PTFE and glass braid.

SPECIFICATION - BSG 222 – EFGLAS

SCOPE

Suitable for aircraft wiring. Resistant to flames and smoke emission.

Remains flexible throughout Operating Temperature of -70°C to +260°C.

Voltage Rating ; 600V(r.m.s.) @ 1600Hz.

Excellent resistance to aviation oils and fluids, hydraulic fluids, De-icing Fluids, Cleaning Solvents, Fungus and Mildew.

| Size AWG | Efglasmet Cable | | | | | |
|-------------|-------------------------|--------------|------------------------------|----------------------|----------------------|--------------------------|
| | Area mm ² | Strand mm | Max. Resistance Ω / km | O/Dia. Min. mm | O/Dia. Max. mm | Max. Weight. g / m |
| 22 | 0.336 | 19/0.150 | 60.00 | 02.30 | 02.68 | 18.60 |
| 20 | 0.597 | 19/0.200 | 33.40 | 02.45 | 02.83 | 23.30 |
| 18 | 0.933 | 19/0.250 | 21.20 | 02.75 | 03.13 | 28.10 |
| 16 | 1.340 | 19/0.300 | 14.70 | 03.25 | 03.75 | 40.10 |
| 14 | 1.820 | 37/0.250 | 10.90 | 03.50 | 04.10 | 45.70 |
| 12 | 2.890 | 37/0.315 | 6.73 | 04.20 | 04.80 | 64.40 |
| 10 | 4.650 | 37/0.400 | 4.13 | 05.15 | 05.75 | 96.80 |

| Size AWG | Efglasmetheath Cable | | | | | |
|-------------|-------------------------|--------------|------------------------------|----------------------|----------------------|--------------------------|
| | Area mm ² | Strand mm | Max. Resistance Ω / km | O/Dia. Min. mm | O/Dia. Max. mm | Max. Weight. g / m |
| 22 | 0.336 | 19/0.150 | 60.00 | 02.80 | 03.30 | 24.60 |
| 20 | 0.597 | 19/0.200 | 33.40 | 02.95 | 03.46 | 29.70 |
| 18 | 0.933 | 19/0.250 | 21.20 | 03.25 | 03.76 | 35.10 |
| 16 | 1.340 | 19/0.300 | 14.70 | 03.88 | 04.52 | 50.40 |
| 14 | 1.820 | 37/0.250 | 10.90 | 04.10 | 04.84 | 56.30 |
| 12 | 2.890 | 37/0.315 | 6.73 | 04.84 | 05.58 | 77.60 |

Also Available :-

Uniefglas – Single core unscreened

Du and Tri-Efglasmetheath (22 to 16AWG) - 2 and 3 Core Efglas, with an overall metal braid and PTFE Sheath

Uniflexefglas 20 – special purpose when maximum flexibility is required

CONTACT US NOW FOR A QUOTATION

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INFORMATION GIVEN IS BASED ON GENERAL EXPERIENCE ONLY AND IS GIVEN IN GOOD FAITH. NO WARRANTY IS GIVEN WITH RESPECT TO THE INFORMATION AND USERS MUST DETERMINE THE SUITABILITY OF THE PRODUCT PRIOR TO ANY PARTICULAR USE.

AS9120 Rev A and ISO9001:2008 APPROVED BSI. RS000146 BAE APPROVED