



K. LACEY WIRES AND CABLES

D10 TELEPHONE CABLE, MARK 4

DOUBLE INSULATED 7/0.28 TWISTED PAIR BLACK/BLACK

MANUFACTURED TO DEF 61-12 PT 12 SECTION 3 ISSUE 1

NATO STOCK NUMBER : 6145-99-648-0813

CONSTRUCTION

7/0.28MM Conductor
Stranding made up of ; 4 Copper wires, 3 Galvanised Steel reinforcing wires

Each conductor ;

Insulated with Black Polyethylene (0.48mm nom. wall)
Sheath (secondary) insulation of Transparent Abrasion Resistant Nylon (0.17mm nom. Wall thickness)
2 insulated and sheathed cores laid up (twisted together) as per above @ 125mm right hand lay

SPECIFICATION

DEF 61-12 PART 12 SECTION 3 ISSUE 1
Single pair telephone cable for field communications. Suitable for use in all terrains and climates.
D10 is operationally equivalent to Field telephone cable MIL-C-13294

| CABLE CHARACTERISTICS | |
|------------------------------|------------------------------|
| Operating Temperature | -40°C to +70°C |
| Conductor Resistance | 151Ω/Loop Km MAXIMUM @ 20°C |
| Insulation Resistance | 3500MΩ/Km MINIMUM @ 20 ± 5°C |
| Voltage Rating | 600volts r.m.s @ 2000Hz |
| Breaking Load | 390N/conductor |

| Conductor | | | | Finished Cable | |
|------------------|--------------|--------------------------|----------------------------|-----------------------|-----------------|
| Strand | Dia. Nom. mm | Dia. Nom. (mm) over Ins. | Dia. Nom. (mm) over sheath | O/Dia. Nom. mm | Weight Kgs / km |
| 7/0.28 | 2.21 | 1.80 | 2.14 | 4.28 | 18.86 |

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