



## D10 FIELD TELEPHONE CABLE DEF STAN 61-12 PART 12

### Conductor

Number/ Diameter of Wires mm	Nominal Diameter mm	Maximum Resistance 20°C ohm/loop km	Nominal Diameter of Core mm	Nominal Diameter over Sheath mm	Nominal Overall Cable Diameter mm	Nato Stock Number 6145-99-
7/0.28	0.84	151	1.8	2.15	4.3	648-0813

### PRODUCT CHARACTERISTICS:

DC loop resistance: Maximum 151 ohm/km loop

Insulation resistance: Minimum 3500M ohm/km  
at 20°C

Dielectric strength: Minimum 3kV

Breaking load: 390N/conductor

Voltage rating: 600 volts rms at 2000Hz

Operating temp range: -40°C to +70°C

### PRODUCT DESCRIPTION:

D10 is a flexible, yet tough single-pair telephone cable designed for field communications in all types of terrain and climatic environments. D10 is operationally equivalent to field telephone cable to MIL-C-13294.

### Construction

Nominal attenuation @400hz 1.2 dB/km

@3300hz 2.3 dB/km

Conductors: Tinned hard-drawn copper wires and galvanised steel reinforcing wires for added strength

Insulation: Black polyethylene

Sheath: Abrasion resistant transparent nylon

Two insulated and sheathed cores twisted together.