

7/050 Stranded Cable



PRODUCT DESCRIPTION

Twin sheath connecting cable is used in security projects where a double insulated product is required. Common applications include access control, smoke detectors and public address systems (PA systems).

FEATURES

- Compared to conventional Figure 8, has lower voltage drop and higher pulling tension.
- Sheath protects internal cables from damage over long runs.
- Grey sheath ideal for Government projects & tenders.
- Stranded conductors and flexible V75 PVC for easy pulling.
- Clear ABCDE 0123456789 markings for error free connection identification.

TECHNICAL DATA

Conductor Characteristics

- AWG: 16
- Stranding (mm): 7/0.50
- Area (mm²): 1.37
- Diameter (mm): 1.52
- Material: BC

Insulation

- Material: V75PVC
- Nominal Thickness (mm): 0.6
- Nominal OD (mm): 2.7

Outer Sheath

- Material: V75PVC
- Colour: Grey
- Nominal Thickness (mm): 0.8
- Nominal OD (mm): 7.0

Physical Characteristics

- Insulation – Elongation at BBAI: >100%
- Outer Sheath – Elongation at BBAI: >100%
- Tensile Strength Before Aging: >12MPa

Electrical Properties

- Voltage Rating: ELV
- Max. Conductor DC Resistance @ 20°C: 13.6Ω/km
- Voltage Test: Conductor to core: 1.5 kV AC / 1 min
- Voltage Test: Core to sheath: 3.0 kV AC / 1 min

Mechanical Properties

- Operating Temp Range: -15 to 70°C
- Max. Recommended Pulling Tension: 192N
- Min Bend Radius (Install): 38mm
- Approximate Mass(kgs/100m): 5.39kg/100

Box Dimensions

320mm H x 320mm D
x 290mm W

Part Number

GLO2C705-200GRY
Pull Box

GLO2C705-500GRY
Wooden Reel

Weight

14kg (200m) Pull Box
62kg+ (500m) Wooden Reel

Warranty

3 Year

Compliance

AS/CA S008:2020
ISO/IEC 11801
ANSI/TIA-568-C.2
AS/NZS 1660.5.6



Easy to strip jacket



Metre countdown marking



Contains recyclable metal