TECHNICAL DATASHEET
PART NO: BCS11030A



Ref No: BCS11030A

DESCRIPTION :

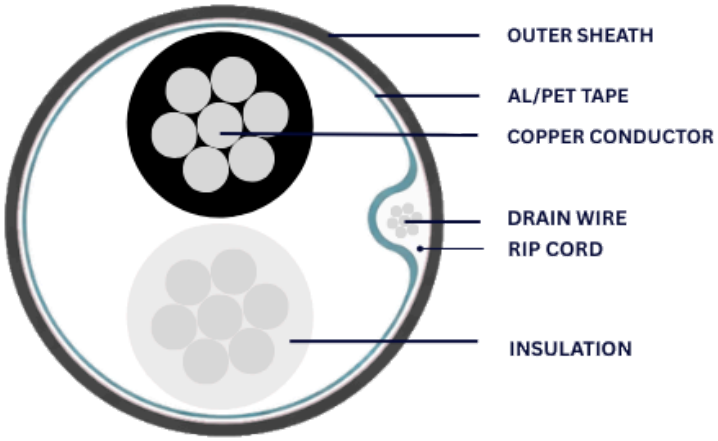
Power Limited Tray Cable (PLTC) is a low-voltage cable rated up to 300 V, designed for installation in cable trays, conduits, ducts, and aerial systems, both indoors and outdoors.

APPLICATION :

Single Pair PVC Shielded Cable designed for signal and control transmission in industrial control, intercom, burglar alarm, and point-of-sale (POS) systems.

CONSTRUCTION :

Cores	1-Pair
Section	16AWG
Conductor Material	Stranded Tinned Copper (TC)
Insulation	Polyethylene (PE)
Pair	2 Cores twisted to a pair
Colour	Black, White
Screen (100% Coverage)	Aluminium/Polyester
Drain Wire	Stranded Tinned Copper wire
Rip Cord	Nylon Yarn
Sheath Material	UV Resistant Polyvinyl Chloride (PVC)
Sheath Color	Black
Standard Put Up Length	305, 500 meters



PHYSICAL & MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-25°C to +105°C
Nominal Cable Weight (kg/km)	65
Insulation Diameter (mm)	2.5
Nominal Sheath Thickness (mm)	0.9
Nominal Overall Diameter (mm)	6.7
Min. Bend Radius (install) (mm)	66
Max. Pull Tension (N)	179

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	199pF/m
Capacitance Cond. To Screen.	375pF/m
DC Resistance Conductor (Ω/km)	15.48Ω/km
DC Resistance Screen (Ω/km	78.6Ω/km
Recommended Current at 25°C	12 (Amps)
Operating Voltage	300 V (Vrms)

TECHNICAL DATA & STANDARD REFERENCES

(BS) EN 50290-2
IEC 60754-1 & 2, IEC 60228
IEC 61034, IEC 60332-3-24
RoHS Directives

BELFAST ACCREDITED BY :

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COMPANY PROFILE