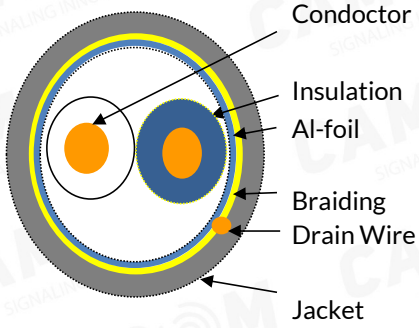


PART NO. 2251BS

1x2x24AWG, Tinned Copper, Shielded, PVC Jacket

Detailed Specifications & Technical Data

CROSS SECTION



APPLICATION

- Low Capcitance Computer Circuit
- Data Control
- EIA-485 Network Transmission

CONSTRUCTION

Conductor	: Tinned Copper
Diameter (mm)	: 7/0.20
AWG	: 24
Insulation	: PE
Nom. Thickness (mm)	: 0.55
Min. Thickness (mm)	: 0.40
Insulation Diameter (mm)	: 1.70±0.10
Al-foil	: Yes
Braided Shield	: Tinned Copper
Coverage (%)	: 60
Drain Wire	: Tinned Copper
Structure (mm)	: 7/0.15
Jacket	: Fr-PVC
Nom. Thickness (mm)	: 0.90
Min. Thickness (mm)	: 0.66
Cable Diameter (mm)	: 5.80±0.30

COLOR

Jacket Color	: Grey

PERFORMANCE

Electrical Characteristics:

High Voltage Test (KV)	: 1500
Conductor DCR @ 20℃ (ohm/km)	: ≤95
Insulation Resistance Min.(MΩ/KM)	: 0.009
Characteristic Impedance (Ohm)	: 120±20
Velocity of Propagation (%)	: 66
Rated Voltage (V)	: 300
Max. Data Rate (Mbps)	: 10

REFERENCE STANDARD

TIA/EIA-485
EN 50290-2-23
EN 50290-2-22
IEC60332-1
RoHS Directives

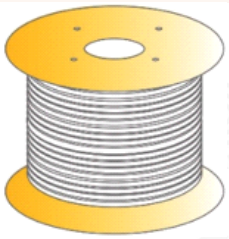
MECHANICAL CHARACTERISTICS

Test Object	: Jacket
Test Material	: PVC
Before Tensile Strength (Mpa)	: ≥10.0
Aging Elongation (%)	: ≥150
Aging Condition (℃Xhrs)	: 80x168
After Tensile Strength (Mpa)	: ≥80% unaged
Aging Elongation (%)	: ≥80% unaged
Cold Bend (-15℃X4hrs)	: No crack
Rated Temperature (℃)	: 75

PACKAGE

305m /Reel

Box	: 310x100x180mm
N.W.	: 11.80 kgs
G.W.	: 12.80 kgs
Stack	: 6



Camcom is proud to be certified by

Frame Offices - HQ, Alexanderveld 5-9,
2585 DB, Den Haag, Netherlands
+31708910864
sales@camcom.co.nl

Designed in Netherlands & Produced Globally.

Prepared By : Steve Smith

Disclaimer :- Datasheet is subject to modification without prior notication

© Technovation Alliance Enterprise B.V.