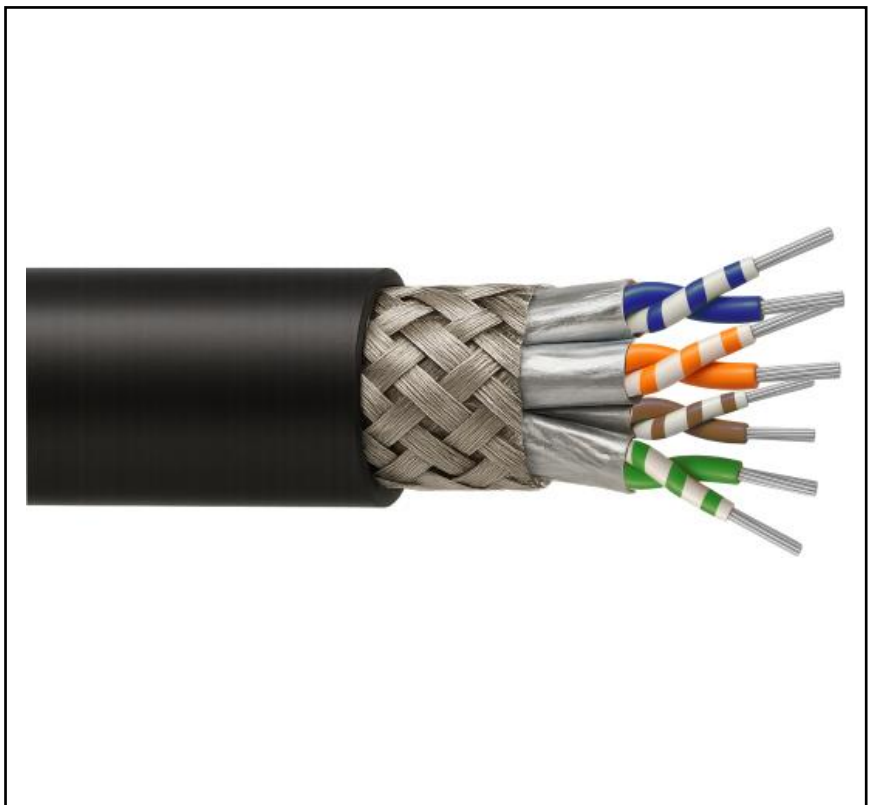


Features

- For use in local networks up to 600 MHz
- Flexible
- Black PUR outer sheath
- Halogen free

RS PRO PUR Cat 7 Cable S/FTP, 100m, Unterminated / Unterminated

RS Stock No.: 348-684



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The CAT 7 data cable from RS is a flexible cable with a robust PUR sheath for LAN applications up to 600 MHz. Its flexible conductors make it especially suitable for mobile use under harsh conditions, outdoors, and at events.

General Specifications

Cable type	Multipair
Shielding	screened
Number of cores	4 x 2
Cross-section	AWG 26 (0,14 mm ²)

Mechanical Specifications

Conductor	Stranded tinned copper
Structure of conductor	7 x 0,16 mm
Core insulation	Foamed PE
Core diameter	approx. 1,03 mm
Colour sequence	Pair 1: wh-or/or Pair 2: wh-bl/bl Pair 3: wh-gn/gn Pair 4: wh-bn/bn
Twisting	Cores to pairs / pairs in layers
Pairs Screen	Aluminum composite foil
Overall Shield	Tinned copper braid
Jacket material	PUR
Jacket colour	Black
Outer diameter	7,4 mm
Bending radius static	min. 7 x outer diameter
Bending radius dynamic	min. 12 x outer diameter
Temperature range static	-30°C to +75°C
Temperature range dynamic	-20°C to +75°C

Electrical Specifications

Impedance	110 Ohm +/- 15% at 0,3-1,0 MHz
Insulation resistance	Min. 2GOhm x Km at +20°C
Capacity	approx. 45 pF/m
Signal propagation time	Max. 450 ns/100 m
Attenuation (db/100 m)	1 MHz: 2,8 10 MHz: 8,5 100 MHz: 27,0 300 MHz: 47,0 600 MHz: 67,5
Transmission distance	approx. 55 m

Approvals

Compliance	CE, RoHS, REACH
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