



Part Number	Stranding	Conductor	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
4002205S	22AWG (42 x 0.10mm) Bare Copper	5	0.244	6.2	36

Recommended Applications:

Robotic applications, high speed cable carrier, automated handling equipment, pick and place robots, gantry robots, many high speed applications, tight bend radius applications. This is a small outer diameter cable capable of a tight bend radius.

Basic Construction:

Extra fine bare copper strands

Insulating Compound:

Specially formulated TPE

Colour Code:

DIN 47100

Shielding:

Tinned copper braid 85% minimum coverage

Jacketing Compound:

Specially formulated PUR

Resistant to:

UV, oils, coolants, fuels, chemicals, water and abrasion
Suitable for extremely harsh environments

Minimum Bend Radius:

5 x cable diameter in flexing applications
3 x cable diameter in static applications

Temperature Range:

For static applications -50C to +90C
For flexing applications -40C to +90C



Nominal Voltage Rating:

300V

Test Voltage:

3000V

Approvals:

90C, 300V, CSA, UL, AWM I/II, A/B, CE, pbf, FT1
RoHS compliant
Conforms to CE low voltage directive

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