

JC SERIES

Standard Performance Flexible
Control Cable Coloured Cores
300/500V 80°C



APPLICATIONS:

Control and Signals For use on machines, portable tools, conveying equipment and other industrial applications. These cables are flexible for fixed installation as well as occasional flexing without tensile load.

Coloured Cores For applications where coloured cores are required.

PRODUCT FEATURES:

- ▶ High flexibility
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (*See Technical Section*)

CONSTRUCTION:

Conductor Annealed plain copper stranded high flexibility (Class 5).

Insulation SPVC 75.

Sheath SPVC 75.

CHARACTERISTICS:

Operating Temperature Range Fixed -20°C to 80°C / Flexing -5°C to 80°C.

Maximum Conductor Temperature 80°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).

Rated Voltage U_o/U 300/500v.

Max AC Operating Voltage U_o 318v.

Minimum Bending Radius Fixed 7.5 x cable diameter / Flexing 15 x cable diameter.

Sheath Colour Grey.

Standard Core Colours

Cores 1 to 7: Green/Yellow, White, Brown, Grey, Blue, Red, Black.
Cores 8 to 12: Violet, Pink, Orange, Clear, Beige.

Relevant Standards IEC 60228, DIN VDE 0295, DIN VDE 0281-1, DIN VDE 0293, DIN VDE 0245, IEC 60332-1,

CE Directive 2006/95/EC, **RoHS** Compliant.

Code	No. of Cores x Size (mm ²)	Approx. Stranding No. of wires x mm	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)
JC07/0.75	7 x 0.75	24/0.20	8.1	110
JC12/0.75	12 x 0.75	24/0.20	9.9	179