

P SERIES

High Performance Flexible Rubber Pendant / Lift Cable with Central or External Support 300/500V 75°C



APPLICATIONS:

Materials and Handling Systems For use as a pendant control or feeder cable for cranes, hoists and lifts.

P Type The central support system aids in the prevention of inner core breakage when twisting the pendant control by spacing the cores around the circumference of the cable. Free suspension to 80 metres.

P2S Type This has external steel wire supports to act as strain relief when the cable is under tension and to help with anti-twist and long cable life.

PRODUCT FEATURES:

- ▶ Extremely fine stranded copper conductor
- ▶ Extremely flexible
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Resistant to environmental factors such as oxidation, ozone and sunlight
- ▶ Good tensile strength, tearing strength and abrasion resistance
- ▶ Heat, oil and chemical resistant (*See Technical Section*)

CONSTRUCTION:

Conductor Annealed tinned copper stranded extreme flexibility (Class 5 & 6).

Insulation:

P Type – EPR rubber c/w central support core of hemp.

P-2S Type – SPVC c/w 2 x external steel wire supports.

Sheath:

P Type – CPE Elastomer Rubber.

P-2S Type – TPE Thermoplastic Polyester Elastomer.

CHARACTERISTICS:

Operating Temperature Range Fixed -40°C to 75°C / Flexing -30°C to 70°C.

Maximum Conductor Temperature 75°C.

Rated Voltage U_o/U 300/500v.

Max AC Operating Voltage U_o 318v.

Minimum Bending Radius

P Type - without stress 10 x cable diam / with stress 20 x cable diam.

P-2S Type - 10 x cable diam.

Sheath Colour Black.

Standard Core Colours Black (numbered) plus 1 Green/Yellow Earth.

Relevant Standards DIN VDE 0293, IEC 60332-1, DIN VDE 0295, IEC 60228, **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)	Nominal Amps un-enclosed protected from sun @ 30°C fixed application	3 Phase Volt Drop @50Hz / MAX. Conductor Temp:
					Touching	75°C (Mv/Am)
P Type with Central Support System						
P 7/1.5NEO	7 x 1.5	84/0.15	13.5	295	15	28.600
P12/1.5NEO	12 x 1.5	84/0.15	21.0	574	15	28.600
P18/1.5NEO	18 x 1.5	84/0.15	22.0	700	15	28.600
P-2S Type with 2 x External Steel Wire Support System						
P8/1.5-2S	8 x 1.5	84/0.15	14.9 x 27.3	425	15	28.600
P12/1.5-2S	12 x 1.5	84/0.15	16.5 x 31.5	505	15	28.600
P20/1.5-2S	20 x 1.5	84/0.15	21.0 x 36.0	715	15	28.600