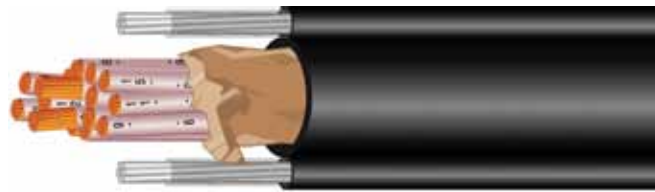


# Boitalyon® R

## PVC Pendant Overhead Crane Cable



**Construction** 300/500V cables, flexible XLPE insulated with twin figure 8 PVC outer sheathed, plain copper conductors to IEC 60228 Class 5.

**Application** These cables are specially designed with lateral suspension strands and are used in remote control overhead cranes from push button boxes. They can also be used for installations where the hanging length of the cable does not exceed 50m.

No. cores × cross-sec. mm <sup>2</sup>	Approx. outer dimensions mm	Approx. weight kg/km	Product code
5 × 1.5	20 × 9.5	210	RPC5 × 1.5
8 × 1.5	24 × 12.5	300	RPC8 × 1.5
12 × 1.5	24 × 12.5	350	RPC12 × 1.5
12 G 1.5	24 × 12.5	350	RPC12G1.5
16 × 1.5	25.5 × 14.5	440	RPC16 × 1.5
20 × 1.5	27 × 15.5	520	RPC20 × 1.5
20 G 1.5	27 × 15.5	520	RPC20G1.5
30 × 1.5	30 × 19	700	RPC30 × 1.5

### Mechanical Properties

Max. tensile load of the two steel supports	1000N
Bending radii	10 × D (cable diameter)
Tests	Alternating/reversed bending test, torsional resistance test

### Electrical and Thermal Properties

Nominal voltage	U <sub>0</sub> /U	300/500V
Maximum operating voltage in AC systems	U <sub>m</sub>	500V
Test Voltage:		2.5kV in AC
Current Rating		Refer to page 34
Max. temperature at the conductor:		
	in service	+90°C
	in short-circuit	+250°C
Max. surface temperature mobile operation		-25°C up to +60°C

