

Point Heating Cables to NR/SP/ELP/40045

Applications

The cables are designed for power distribution in points heating system. These heavy duty cables offer protection from abrasion and mechanical impact whilst maintaining flexibility to ease installation.

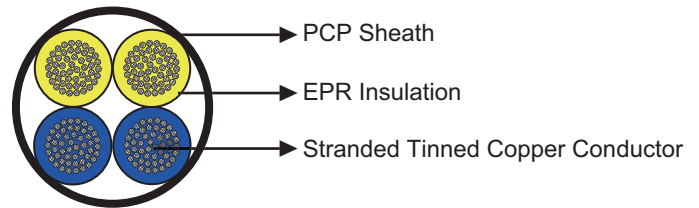


Standards

- NR/SP/ELP/40045 (formerly RT/E/PS/40045)
- BS 7919
- UNE 21027

Construction

- Conductors: Class 5 tinned copper conductors to BS 6360.
- Insulation: EPR type GP4 to BS 7655.
- Sheath: PCP type EM2 to BS 7655.



Electrical Characteristics at 20°C

Nominal Conductor Cross Section	mm ²	1.5	2.5	4.0	6.0
Maximum Conductor Resistance	Ω/km	13.7	8.21	5.09	3.39
Voltage Rating	KV	0.3/0.5			

Mechanical and Thermal Properties

- Minimum Bending Radius: 7.5×OD
- Temperature Range: -30°C to +70°C (during operation); -10°C +55°C (during installation)

Core identification

- 4core yellow, yellow, blue, blue
8core yellow, yellow, blue, blue, Brown, brown, black, black



Dimensions and Weight

Cable Code	No. of cores & Nominal Conductor Cross Sectional Area No. x mm ²	No. & Nominal Diameter of Strands No/mm	Nominal Thickness of Insulation mm	Nominal Overall Diameter mm	Nominal Weight kg/km
RF40045-H05RNF-300/500V-4G1.5	4x1.5	30/0.25	0.8	14.3	220
RF40045-H05RNF-300/500V-4G2.5	4x2.5	50/0.25	0.9	16.5	390
RF40045-H05RNF-300/500V-4G4	4x4.0	56/0.30	1.0	18.5	420
RF40045-H05RNF-300/500V-8G1.5	8x1.5	30/0.25	0.8	18.5	460
RF40045-H05RNF-300/500V-8G2.5	8x2.5	50/0.25	0.9	21.4	510
RF40045-H05RNF-300/500V-8G4	8x4.0	56/0.25	1.0	23.6	830
RF40045-H05RNF-300/500V-8G6	8x6.0	84/0.30	1.0	25.6	1040
RF40045-H05RNF-300/500V-8G10	8x10.0	75/0.40	1.2	31.7	1799
RF40045-H05RNF-300/500V-8G16	8x16.0	118/0.40	1.2	36.2	2480



Impact Resistant



Highly Flexible



Oil Resistant



Weather Resistant



Laid In Ducts

