

## 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.

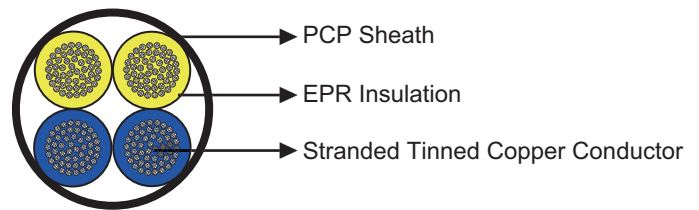


### Standards

- 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 <sup>2</sup>	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 <sup>2</sup>	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	4×1.5	30/0.25	0.8	14.3	220
RF40045-H05RNF-300/500V-4G2.5	4×2.5	50/0.25	0.9	16.5	390
RF40045-H05RNF-300/500V-4G4	4×4.0	56/0.30	1.0	18.5	420
RF40045-H05RNF-300/500V-8G1.5	8×1.5	30/0.25	0.8	18.5	460
RF40045-H05RNF-300/500V-8G2.5	8×2.5	50/0.25	0.9	21.4	510
RF40045-H05RNF-300/500V-8G4	8×4.0	56/0.25	1.0	23.6	830
RF40045-H05RNF-300/500V-8G6	8×6.0	84/0.30	1.0	25.6	1040
RF40045-H05RNF-300/500V-8G10	8×10.0	75/0.40	1.2	31.7	1799
RF40045-H05RNF-300/500V-8G16	8×16.0	118/0.40	1.2	36.2	2480



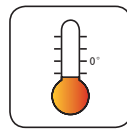
Impact Resistant



Highly Flexible



Oil Resistant



Weather Resistant



Laid In Ducts

