



Siechem S 3271 APC, EBXL-XLPE Insulated 125°C, 600 V AC Cable

Application

- ✓ Appliance wiring
- ✓ Internal wiring of meters, panels, electrical and electronic equipment.
- ✓ Battery power pack

Features

- ✓ Flame retardant
- ✓ Resistant to water, oil, acids, solvents and fungus.
- ✓ Highly flexible
- ✓ Soldering iron resistant
- ✓ Very high short circuit resistant.

Product Construction

- ✓ Conductor : Annealed Solid / Stranded Bare Copper (Tinning on request)
- ✓ Insulation : EBXL-XLPE
- ✓ Colour : As per customer order.

Technical Data

- ✓ Temperature Range : +125°C
- ✓ Voltage Rating : 600 V AC
For Electronic use : 2500 V
- ✓ Flame Test : VW-1

| | | | | | |
|--|--|-----------------|------------------|----------------|------------------|
| | | ISO 9001 | ISO 14001 | AS 9100 | ISO 45001 |
| | | | | | |

| Part Number | Conductor Construction | | Insulation Wall Thickness Nom. | Cable | | Max. Conductor Resistance at 20°C |
|-------------|------------------------|---------------------------|--------------------------------|-----------------------|----------------|-----------------------------------|
| | Conductor Size | No. of Strands / Wire dia | | Overall Diameter Nom. | Weight Approx. | |
| | AWG | nos. / mm | mm | mm | kg/km | Ω/km |
| BC27684XX | 24 | 7/0.193 | 0.762 | 2.20 | 6.9 | 87.6 |
| C27683XX | 22 | 7/0.254 | 0.762 | 2.30 | 8.6 | 55.4 |
| C27682XX | 20 | 10/0.254 | 0.762 | 2.50 | 10.5 | 34.8 |
| C27681XX | 18 | 16/0.254 | 0.762 | 2.70 | 14.0 | 21.8 |
| C27680XX | 16 | 26/0.254 | 0.762 | 3.00 | 19.7 | 13.7 |
| C27679XX | 14 | 41/0.254 | 0.762 | 3.40 | 27.8 | 8.60 |
| C27678XX | 12 | 65/0.254 | 0.762 | 3.90 | 40.2 | 5.41 |
| C27677XX | 10 | 104/0.254 | 0.762 | 4.50 | 60.4 | 3.41 |
| HC27676XX | 8 | 168/0.254 | 1.143 | 6.50 | 105 | 2.18 |
| HC27675XX | 6 | 266/0.254 | 1.143 | 7.40 | 160 | 1.38 |
| HC27674XX | 4 | 133/0.45 | 1.143 | 8.70 | 230 | 0.865 |
| HC27673XX | 2 | 259/0.41 | 1.143 | 10.0 | 360 | 0.547 |
| HC27672XX | 1 | 259/0.46 | 1.397 | 11.40 | 460 | 0.434 |
| HC27690XX | 1/0 | 259/0.51 | 1.397 | 12.60 | 555 | 0.344 |
| HC27691XX | 2/0 | 259/0.58 | 1.397 | 13.90 | 700 | 0.272 |
| HC27692XX | 3/0 | 259/0.65 | 1.397 | 15.20 | 890 | 0.216 |
| HC27694XX | 4/0 | 259/0.73 | 1.397 | 16.70 | 1110 | 0.171 |
| SC27687XX | 30 | 1/0.255 | 0.762 | 2.00 | 5.0 | 347 |
| SC27686XX | 28 | 1/0.321 | 0.762 | 2.10 | 5.5 | 218 |
| SC27685XX | 26 | 1/0.405 | 0.762 | 2.30 | 75 | 138 |
| SC27681XX | 18 | 1/1.024 | 0.762 | 2.50 | 13.4 | 21.4 |
| SC27680XX | 16 | 1/1.291 | 0.762 | 2.80 | 18.5 | 13.5 |

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

| | | | | | | | | | | |
|----------------|-------------|---------------|--------------|--------------|-------------------|---------------|--------------|-------------|-------------|------------------|
| Red - 01 | Yellow - 02 | Blue - 03 | Black - 04 | Green - 05 | Yellow-Green - 06 | Grey - 07 | Brown - 08 | White - 09 | Orange - 10 | Violet - 11 |
| Chocolate - 12 | Tan - 13 | Charcoal - 14 | LT Blue - 15 | DK Grey - 16 | LT Green - 17 | DK Green - 18 | DK Blue - 19 | Purple - 20 | Pink - 21 | Green-yellow- 29 |

Note : For Annealed Tinned Copper Conductor Cable Part Number Code : A434

