

DATE: 19/07/2007  
 ORIGINATOR: A.J.R.  
 CHECKED:

## SPECIFICATION DATA SHEET

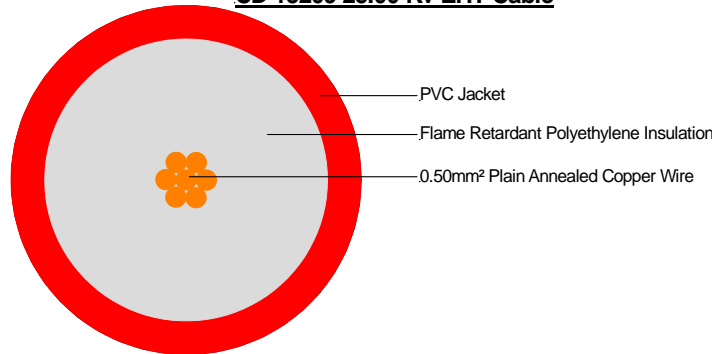
|                                   |   |
|-----------------------------------|---|
| <b><u>CABLE TYPE</u></b>          | <b>BELDEN REFERENCE: CD 13209<br/>(Original reference: RD8317)</b>                      |
| <b><u>GENERAL DESCRIPTION</u></b> | <b>25.00 KV EHT CABLE. 0.50mm<sup>2</sup> PLAIN COPPER CONDUCTOR, PE/PVC INSULATED.</b> |
| <b><u>RELEVANT STANDARDS</u></b>  | <b>INTERNAL BELDEN SPECIFICATION</b>  |

| <b>COMPONENT</b>  | <b>MATERIAL BREAKDOWN</b>   | <b>DIAMETER<br/>(nom) mm</b> |
|-------------------|---|------------------------------|
| <b>Conductor</b>  | <b>07/0.300mm PLAIN ANNEALED COPPER WIRE</b>                        | <b>0.90</b>                  |
| <b>Insulation</b> | <b>FLAME RETARDANT POLYETHYLENE OF 1.65mm NOMINAL R/T (NATURAL)</b> | <b>4.20</b>                  |
| <b>Jacket</b>     | <b>PVC OF 0.50mm NOMINAL R/T (RED)</b>                              | <b>5.20</b>                  |

### CABLE CHARACTERISTICS \_\_\_\_\_ :

|                              |   |
|------------------------------|---|
| <b>VOLTAGE RATING:</b>       | <b>25.00 KV DC</b>                                  |
| <b>TEMPERATURE RATING:</b>   | <b>-40°C to +70°C</b>                               |
| <b>CURRENT RATING:</b>       | <b>10.0 A (Based on a temperature rise of 40°C)</b> |
| <b>CONDUCTOR RESISTANCE:</b> | <b>36.50 Ω/KM MAXIMUM</b>                           |
| <b>DIMENSIONS:</b>           | <b>5.00mm MINIMUM , 5.40mm MAXIMUM</b>              |

**CD 13209 25.00 Kv EHT Cable**



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