

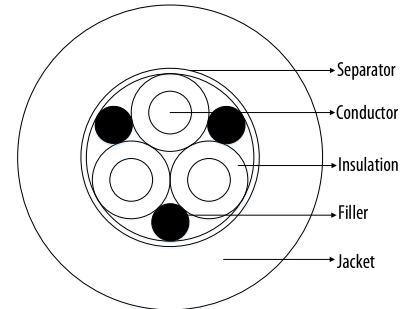
# RVV-NBR 3C\*2.5

## 90°C, 450/750V Rubber Cable



PRODUCT DATA SHEET

The NBR-PVC compound outer sheath makes the cable resistant to ozone and UV radiation as well as oil, acid, fat and solvents.



**Design Number** 10783-1  
**Part Number** 32181748  
**Customer Number** N/A

**Color Code:** Brown, Blue, Yellow/Green

### CONSTRUCTION

**Conductor:** Class 6 plain annealed stranded copper conductor  
**Conductor Cross Sectional Area:** 2.5mm<sup>2</sup>(140/0.15mm)  
**Insulation Material:** EPR  
**Insulation Avg. Thickness:** 0.9mm(Nom.)  
**Insulated Conductor O.D.:** 3.85mm(Nom.)  
**Filler:** High temperature rope (if necessary)  
**Separator:** Non-woven tape  
**Jacket Material:** NBR-PVC (UV & Oil Resistance)  
**Jacket Avg. Thickness:** 1.8mm(Nom.)  
**Overall Diameter:** Nom. 12.7mm, Max. 14.7mm  
**Jacket Color:** Black

#### Print Legend:

ASCENT RVV-NBR 3X2.5mm<sup>2</sup> 90°C 450/750V xxxxxM

### ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** Fixed installation -35°C to +80°C  
Flexible application -20°C to +70°C  
**Operating Voltage:** 450/750V  
**Test Voltage:** 2500V  
**Conductor DC Resistance@20°C:** 7.98 Ω/km Max  
**Minimum Bending Radius:** 10 x overall diameter

### SAFETY CHARACTERISTICS

**Standard Reference:** Conductor IEC 60228  
**Cable design:** IEC 60245-4  
**Insulation and Jacket material:** IEC 60245/IEC 60502-1  
**Flame Retardant:** IEC 60332-1

**Application:** As connecting and control cable for lift or crane, it is also used for various kinds of electric installation in dry on wet indoor as well as outdoor

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Revision History		
00	2023/05/15	Initial release
Created L. Jian	Approved A. Huang	

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