



Y1-MVR Medium Voltage Red Cable Breakout Boots

Features

- Molded anti-tracking cable breakout boots
- Insulation, protection, shield
- Life expectancy of 20 years at -55°C to 105°C
- Red sealant liner
- Flame retardant (optional)
- Operating temperature: -55~105°C
- Shrink temperature: 120~140°C
- Shrink ratio: ≥ 2:1
- Voltage class: 24~36 KV

Technical Data

	Property	Test Method	Values
Physical	Tensile strength	ASTM D2671	≥ 10 MPa
	Breakdown elongation	ASTM D2671	≥ 350%
	Aging (136°C/168hrs)	Tensile strength	≥ 8 MPa
		Breakdown elongation	≥ 250%
	Water absorption	ASTM D570	≤ 0.5%
	Density	ASTM D2671	1.1~1.2
	Thermal endurance	IEC 216	-55~105°C
	Low temperature flexibility(-55°C/4hrs)	ASTM D2671	No cracking
	Heat shock (200°C/4hrs)	ASTM D2671	No drop, No flow
	Volume resistivity	ASTM D2671	≥ 10 ¹⁴ Ω.cm
Electrical	Dielectric strength	ASTM D2671	≥ 20 kV/mm
	Anti-tracking	ASTM 2303	No tracking

Dimensions

Reference UPM Y1-MVR	As supplied (mm)		After recovered (mm)		Length ± 20% (mm)		Thickness ± 10% (mm)		Size for conductor (mm²)
	Big end	Leg	Big end	Leg	Total length	Leg length	Big end	Leg	
Y1-3/0r	58	25	26	8	165	50	3.0	2.5	10-16
Y1-3/1r	75	32	38	12	210	70	3.5	2.5	25-50
Y1-3/2r	100	47	55	16	235	85	4.0	3.0	70-120
Y1-3/3r	129	60	75	28	220	80	4.0	3.0	150-240

Typical application

- Ideal for energy supply infrastructure, chemical factories, oil refineries, metallurgy, harbor or other locations where safety and reliability of energy supplies are vital for daily operations.

Ordering

- Standard color : Red
- Standard packaging by pieces
- Please provide specification, quantity when ordering

Cross reference

- DSG Canusa: CCBA



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