

BH-MR

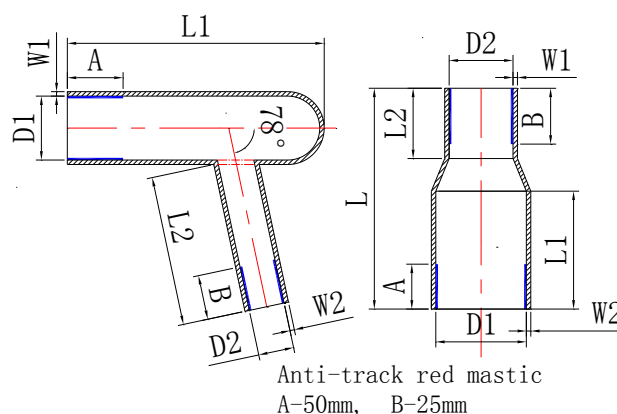
MEDIUM VOLTAGE RIGHT/STRAIGHT CABLE BOOT

Features/Applications

Made from radiation crosslinked polyolefin. The specially designed formulation makes the boots have excellent performance of electrically insulating, anti-tracking, UV resistant, weather proof and flame retardant. It can be safely used in protecting cable end up to 36KV against flashover.



- Minimum shrink temperature: 110°C
- Minimum fully recovery temperature: 130°C
- Standard color: Red



Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥10MPa
Tensile strength after thermal aging	ASTM D 2671 (120°C/168hrs)	≥8.5 MPa
Elongation at break	ASTM D 2671	≥300%
Elongation at break after thermal	ASTM D 2671 (120°C/168hrs)	≥200%
Dielectric strength	IEC 243	≥15KV/mm
Volume resistance	IEC 93	10 ¹³ Ω.cm
Tracking resistance	ASTM D 2303	3.75KV, 1hr pass
Water absorption	ISO62	1% Max
Flammability(oxygen index)	IEC 93	≥25
Copper corrosion	ASTM D 2671 (120°C/168hrs)	No corrosion
Cold bend	ASTM D2671 (-40°C/4hrs)	No tracking

Product Dimensions (mm/inch)

Type	Order ref. Number	As supplied (mm)		After recovered (mm)						
		D1 (Min.)	D2 (Min.)	D1 (Max.)	D2 (Max.)	L1 (mm.)	L2 (± 10%)	L (± 10%)	W1 (± 10%)	W2 (± 10%)
Right Angle	BH-MR 110	80	35	36	18	170	125	/	4.2	3.5
	BH-MR 120	80	50	36	18	170	125	/	3.8	3.5
	BH-MR 130	80	50	36	27	160	140	/	3.8	3.5
	BH-MR 140	95	70	38	28	160	140	/	4.2	4.8
	BH-MR 150	145	68	72	34	215	140	/	4.0	4.0
straight	BH-MR 160	80	34	35	20	145	30	220	3.2	3.2
	BH-MR 170	80	58	35	20	145	30	220	3.2	3.2
	BH-MR 180	140	90	65	33	155	40	320	4.0	4.0