



MDRS-BKT

Low Voltage Cable Breakout 2 to 5 Cores



Description

MDRS-BKT Heat shrinkable breakout, made with the hot melt material and the cross-linked polyolefin layer, and has excellent sealing performance, protection is mainly used in insulation and sealing at a low voltage power cable branch.

Features

- suitable for low-voltage power cables
- seal, good adhesion properties
- good UV and weather resistance
- Operating temperature: -55°C ~ 110°C
- shrink temperature: 110°C ~ 130°C
- Standard colors: Black



Technical Performance

Test Properties	Typical Data	Test Method
Tensile Strength	≥13 MPa	ASTM D 2671
Ultimate elongation	≥300%	ASTM D 2671
Tensile strength after thermal aging	≥10 MPa	120°C, 168 hrs
Ultimate elongation after thermal aging	≥250%	150°C, 168 hrs
Dielectric Strength	≥15kV/mm	IEC 60243
Volume Resistivity	≥10 ¹³ Ω .cm	IEC 60093

Dimensions

Size (mm)	Big end ID(mm)		Finger ID(mm)		Length (±10%)		Thickness after shrink (±20%)	
	Before shrink	After shrink	Before shrink	After shrink	Total Length	Finger Length	Big end Thickness	Finger Thickness
Two cores cable breakout								
Φ22/8	22	8	9	3.5	55	18	2.2	1.8
Φ30/12	30	12	14	4.5	93	23	2.6	2.2
Φ40/16	40	16	15	5	125	35	2.1	2.1



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Φ60/23	60	23	25	7.5	118	29	2.6	2.6
Φ60/23	60	23	25	7.5	155	45	2.6	2.6
Φ100/42	100	42	30	9	155	55	3.1	3.1
Φ150/75	150	75	20	6	170	64	3.8	3.8
Three cores cable breakout								
Φ38/16	38	17	14	4.5	98	23	2.7	2.7
Φ40/16	40	16	15	4.5	125	35	2.1	2.1
Φ60/24	60	25	25	8	165	50	3.0	2.5
Φ60/24	60	24	25	8	180	45	3.2	2.8
Φ80/36	80	38	35	11	185	55	3.5	3.5
Φ80/36	80	38	35	11	215	57	4.0	4.0
Φ110/48	110	50	46	17.5	250	65	4.0	4.0
Φ125/57	125	57	55	20	260	57	4.0	4.0
Φ140/70	140	70	62	26	280	70	4.0	4.0
Φ170/75	170	77	75	28	280	80	4.0	4.0
Four cores cable breakout								
Φ40/15	42	15	14	3.5	105	26	2.2	2.0
Φ55/21	55	21	20	5	150	40	3.1	2.6
Φ65/26	65	26	26	7	175	45	3.3	2.9
Φ75/26	75	26	28	7	175	45	3.3	2.9



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$\Phi 82/37$	82	37	30	9	190	60	4.0	3.0
$\Phi 90/37$	90	37	32	9	190	60	4.0	3.0
$\Phi 100/47$	102	47	38	12	198	58	4.0	3.0
$\Phi 125/52$	130	52	52	15	240	75	4.0	4.0
$\Phi 160/70$	160	70	64	19	260	75	4.0	4.0
Five cores cable breakout								
$\Phi 40/19$	40	19	13	4	98	25	2.5	2.0
$\Phi 55/24$	55	24	18	5	155	40	3.2	2.6
$\Phi 80/33$	80	33	26	8	175	53	3.0	2.8
$\Phi 100/42$	100	42	34	10	190	60	3.0	3.0