



**IKEBANA
ENGINEERING LTD.**

Heat shrinkable cable accessories

Heat Shrinkable Medium Voltage Breakouts

Heat Shrink Non-Tracking Medium Voltage Cable Breakouts

Characteristics

This data sheet covers the requirements for heat shrink medium voltage breakouts whose dimension will shrink to a predetermined size upon the application of heat above 125 deg. C. Color of the MV breakouts is reddish brown. The MV breakouts are electrically insulating, anti-tracking, UV resistant, weather proof and flame retardant. MV breakouts have three fingers. The main body is internally coated with mastic and covered with a release paper.



Typical applications

The cable breakouts provide insulation and sealing over the crutch of multi-core cables. The mastic sealant provides a water tight environmental seal to the cable. The MV cable breakouts are normally used as an integral part of 3-core cable terminations up to 36 kV.

Materials

The base material of the MV breakouts is thermally stabilized, cross linked blend of polyolefin and a compatible grade of synthetic rubber. The basic resin is mixed with chemical additives offering resistance against tracking – erosion, fire, oxidation, ozone and other environmental effects. The sealant is butyl rubber based mastic which is electrical insulating, water-proof and anti-tracking.

Dimensions and Ordering information

Breakout Model	Breakout main diameter		Finger Diameter		Full Length	Finger Length
	R (mm)	S (mm)	R (mm)	S (mm)	R (mm)	R (mm)
IXL 310	22.0	60.0	8.0	24.0	185.0	45.0
IXL 320	33.0	80.0	16.0	36.0	210.0	50.0
IXL 325	33.0	95.0	16.0	36.0	210.0	50.0
IXL 330	47.0	110.0	20.0	48.0	225.0	75.0
IXL 335	47.0	125.0	20.0	55.0	250.0	75.0
IXL 340	54.0	140.0	27.0	62.0	240.0	65.0
IXL 345	54.0	155.0	27.0	62.0	240.0	65.0

S: As Supplied

R: Fully Recovered