

# QLB

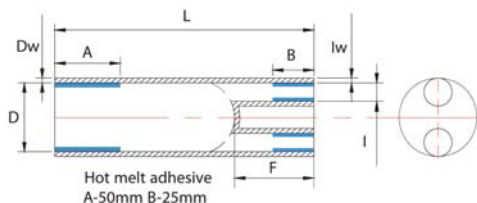


## LOW VOLTAGE CABLE BREAKOUT, FLAME-RETARDANT 2 CORE & 3 CORE

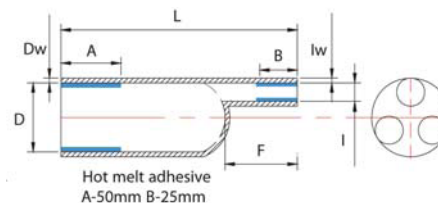
### Features/Applications

QLB is widely used in the electrical power industry because of the insulating, UV and weather proof properties. The heat shrinkable boots seal and protect multi core cables. Coated with specially designed hot-melt adhesive.

- Operating temperature: -55°C to +110°C
- Minimum shrink temperature: 110°C
- Full Recovery Temperature: 130°C
- Standard color: Black
- RoHS Compliant



2 - Core



3 - Core

Technical Data		
Property	Test Method	Typical Data
Operating Temperature	IEC 216	-55°C to +110°C
Tensile Strength	ASTM D 2671	13 MPa min.
Tensile Strength After Thermal Aging (120°C, 168 hrs.)	ASTM D 2671	10 MPa min.
Elongation at Break After Thermal Aging (120°C, 168 hrs.)	ASTM D 2671	250% min.
Elongation at Break	ASTM D 2671	300% min.
Water Absorption	ISO 62	1% max.
Volume Resistance	IEC 93	10 <sup>13</sup> Ω.cm (min.)
Dielectric Strength	IEC 243	15KV/mm (min.)

### 2 CORE BREAKOUTS

Part Number	D (mm)		l (mm)		Recovered Length ± 10%		Recovered Wall ± 10%	
	a (Min.)	b (Max.)	a (Min.)	b (Max.)	L (mm)	F (mm)	Dw (mm)	lw (mm)
QLB205-22/8	22	8	9	3.5	55	18	2.2	1.8
QLB210-30/12	30	12	14	4.5	93	23	2.6	2.2
QLB215-40/16	40	16	15	5.0	125	35	2.1	2.1
QLB220-60/23	60	23	25	7.5	118	29	2.6	2.6
QLB220L-60/23L	60	23	25	7.5	155	45	2.6	2.6
QLB230-90/60	90	60	30	8.5	190	50	3.0	3.0
QLB240-150/90	150	90	20	6.5	150	70	3.0	3.0

### 3 CORE BREAKOUTS

Part Number	D (mm)		l (mm)		Recovered Length ± 10%		Recovered Wall ± 10%	
	a (Min.)	b (Max.)	a (Min.)	b (Max.)	L (mm)	F (mm)	Dw (mm)	lw (mm)
QLB310-38/16	38	16	15	4.5	110	35	2.1	2.1
QLB320-60/25	60	25	25	8.0	165	50	3.0	2.5
QLB330-80/38	80	38	35	11.0	185	55	3.5	3.5
QLB340-110/50	110	50	46	17.5	250	65	4.0	4.0
QLB350-125/57	125	57	55	20.0	260	75	4.0	4.0
QLB360-140/70	140	70	62	26.0	280	75	4.0	4.0
QLB370-170/77	170	77	75	28.0	280	80	4.0	4.0

#### Extender 3 Core Breakouts

QLB310L-40/16L	40	16	15	4.5	125	35	2.1	2.1
QLB320L-60/24L	60	24	25	8.0	180	45	3.2	2.8
QLB330L-80/38L	80	38	35	11.0	215	57	4.0	4.0

Notes:

- (a) as supplied
- (b) after recovery