

# QLB

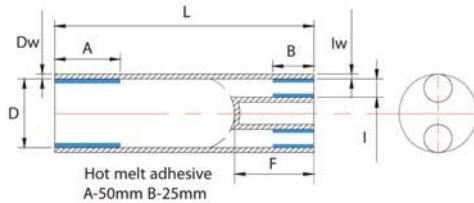
RoHS  
Compliant

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

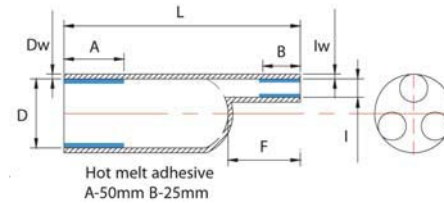
### Features/Applications

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