



# QBL150 Series

July 2017

Quick Release Bonding Lead Solutions

The QBL150 quick release bonding lead provides an effective hand-releasable method of earth bonding electrical equipment. They are particularly useful for applications where a temporary connection is required when equipment needs to be removed quickly over multiple times.

QBL bonding leads comprise of a flat tin-plated copper braid with a crimped ring terminal at one end and a BNC or TNC connector at the other. Connection to equipment is via a mating receptacle, mounted on the equipment being earthed.

### Operating Temperature

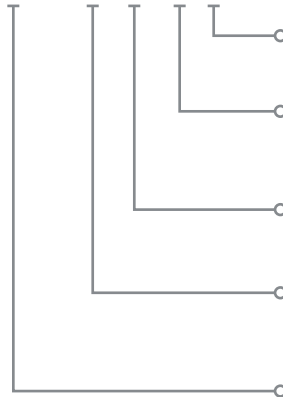
- Tin-plated Cu: -55°C to +120°
- Insulated: -55°C to +120°



**Fast and Easy Release**  
**BNC or TNC Connector**  
**Various Lengths**

Rear and Front Mounted Mating  
 Receptacle

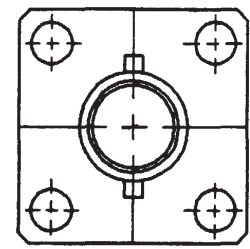
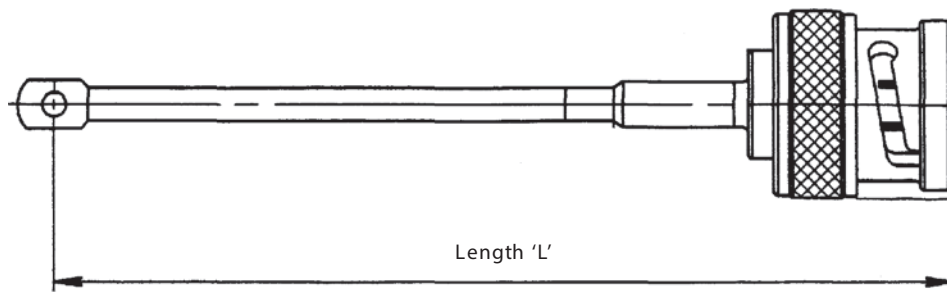
### QBL150-B-50-A-S



### Part Numbering example

- Insulated:**  
Leave blank if insulation not required
- Terminal Code Reference:**  
A M3 (5mm hole)  
B M4 (6.73mm hole)
- Standard Lengths:**  
Min. 50mm and above in 25mm increments
- Connector Code Reference:**  
B BNC (bayonet)  
T TNC (threaded)
- Part Reference:**  
QBL150 Tin plated copper  
Also available as Nickel plated copper, without insulation for higher operating temperatures.

## Standard Configurations



Front mounted  
receptacle

### QBL150B - BNC Type

Connector	BNC, MIL-C-39012 B (class 2, category c)
Braid	2.64mm <sup>2</sup> , Tin plated copper
Current rating	36 amps (for 60 seconds)
Operating temperature	-55°C to +120°C
Insulation	PAN6480K04
Front panel mounting receptacle	QBL150-BF
Rear panel mounting receptacle	QBL150-BR
Ring terminal hole diameter	5mm or 6.73mm

Nominal	Bonding Lead Length with Terminals						
	50mm	75mm	100mm	125mm	150mm	175mm	200mm
Mass (g) 5.0mm hole	-	26.5	27.0	27.5	28.2	28.5	29.5
Mass (g) 6.0mm hole	-	26.9	27.4	27.9	28.6	28.9	29.9
Resistance (mΩ)	0.4	0.6	0.8	1.0	1.2	1.4	1.6

### QBL150T - TNC Type

Connector	TNC, PAN6444A
Braid	2.64mm <sup>2</sup> , Tin plated copper
Current rating	36 amps (for 60 seconds)
Operating temperature	-55°C to +120°C
Insulation	PAN6480K04
Front panel mounting receptacle	QBL150-TF
Ring terminal hole diameter	5mm or 6.73mm

Nominal	Bonding Lead Length with Terminals						
	50mm	75mm	100mm	125mm	150mm	175mm	200mm
Mass (g) 5.0mm hole	26.0	26.5	27.0	27.5	28.2	28.8	29.5
Mass (g) 6.0mm hole	26.4	26.9	27.4	27.9	28.6	29.2	29.9
Resistance (mΩ)	0.4	0.6	0.8	1.0	1.2	1.4	1.6

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