

## Dexseal Aerial Closure Series.

Free breathing and suitable for straight, butt and branch splices of non-pressurised communication cables.

### Description

Dexseal Aerial Closures are designed for new build or maintenance applications. The one piece free breathing construction provides an excellent housing for cable splices in the harshest of environments.

The end seals provide a quick and easy method of installing cables. Cable supports can also be provided. There are currently 6 sizes in the range managing cable pair counts from 50 through to 800 pairs.

Other sizes can be considered.

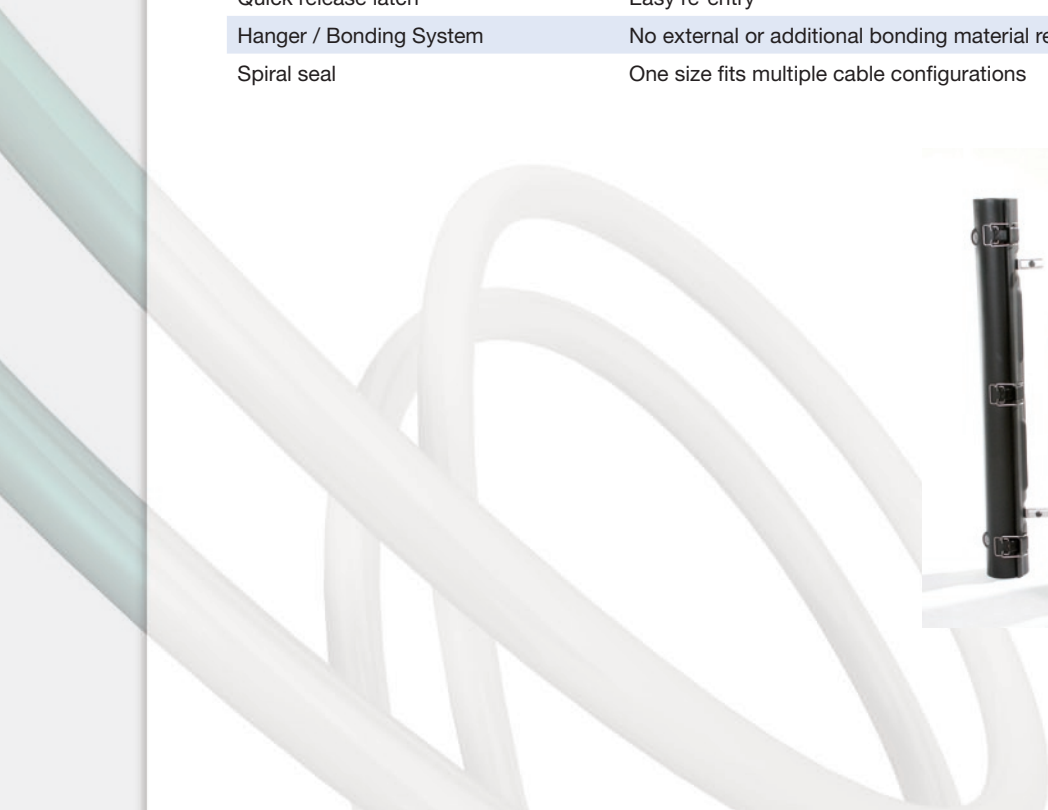


### Material

Body	High-density polyethylene, mixed with UV additive double-walled moulded construction
End seal	Thermoplastic elastomer, injected
Hanger / Bonding System	Cast-Alloy
Shield Bonding	Phosphor bronze, brass

### Structure

Double walled moulded polyethylene	Resists breaking or cracking
Quick release latch	Easy re-entry
Hanger / Bonding System	No external or additional bonding material required
Spiral seal	One size fits multiple cable configurations



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### Features and Benefits

#### Technical Report

Temperature Cycle	10 cycles between -30°C and 60°C, no cracks or loss in material integrity
High temperature	168 hours at 60°C, no cracks or loss in material integrity
Vibration	72 hours in two mutually perpendicular planes, no cracks or loss in material integrity
Axial Tensile Pull	24 hours, diameter/45x700N, no cracks, cable not drop
Cable Flexing	2 cycles bending the cable 30 degrees, no damage to end seal or to closure body
Cable Rotating	2 cycles rotating the cable 90 degrees, no damage to end seal or to closure body
Low Temperature Impact	5Nm impact at -15°C, 3 times impact, no cracks or loss in material integrity
Chemical Resistance	7 days soaked in 10% TX-10 solution at 50°C, no cracks or loss in material integrity

#### Ordering Information and Packaging Specifications

Model Number	Description	Max. Sheath Opening	Max. Bundle Diameter	Approx. Cable Pair	Port 1	Port 2	Port 3
DEX-TC-160/TB	40 x 250mm, 30 pair	150mm	40mm	30	5-25mm	5-15mm	-
DEX-TC-214T/TB	50 x 360mm, 50 pair	220mm	50mm	50	5-25mm	5-15mm	5-15mm
DEX-TC-220T/TB	50 x 500mm, 100 pair	350mm	56mm	100	5-25mm	5-15mm	5-15mm
DEX-TC-229T/TB	50 x 690mm, 100-200 pair	450mm	56mm	200	5-25mm	5-15mm	5-15mm
DEX-TC-327T/TB	75 x 690mm, 200-400 pair	450mm	92mm	200-400	5-47mm	5-27mm	5-27mm
DEX-TC-429T/TB	100 x 740mm, 600 - 800 pair	500mm	110mm	600-800	7-55mm	5-38mm	5-38mm

Model Number	No. Per Carton	Carton Size (mm)	Weight/ea	No. Per 20' Container	Qty. Per Container pcs
DEX-TC-214T/TB	20	54 x 44 x 41	14.4 kg	5700	5700
DEX-TC-220T/TB	18	78 x 42 x 57	22.8 kg	2600	2600
DEX-TC-229T/TB	20	74 x 66 x 55	33.0 kg	2000	2000
DEX-TC-327T/TB	12	74 x 66 x 57	28.0 kg	1200	1200
DEX-TC-429T/TB	6	78 x 42 x 67	21.0 kg	800	800

Accessories: End Seal / Cable Spacer / Bracket / Shield Wire

DexGreen Aerial Closures can fit any non-pressurised communication cables under 800-pair. Compound filled or gel filled discrete connectors or modular connectors are recommended.

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