

15 kV	<b>Ranger2 Cable Termination (Indoor)</b>	R2IT15
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Ratings	Indoor
Termination Catalog Series	R2IT15
Sizes Available	1,2,4
Voltage Rating (kV)	15
Max. Design Voltage to Ground (kV)	9.5
Coronal Extinction Voltage (kV) ( $\leq 3\text{pC}$ ) (Partial Discharge)	13
<b>Insulation Withstand Voltage:</b>	
Lightning Impulse (BIL Dry 110 Withstand) (kV Crest)	110
10 Sec. Wet (60Hz) (kV)	N/A
1 Minute Dry (60Hz) (kV)	50
5 Hour Dry (60Hz) (kV)	35
DC Withstand 15 min. Dry (kV)	75

## Applications:

The R2IT (Indoor) termination design incorporates shrink-fit technology to provide a termination line that covers the widest range of applications with the fewest number of models. Three sizes cover 0.64" (16 mm) to 2.10" (53 mm) insulation diameter cables (#2 AWG through 1250 kcmil).

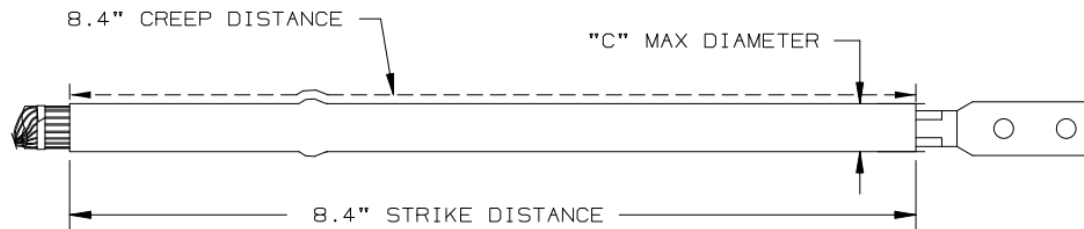
The R2IT housings are designed for maximum performance in all indoor conditions for long-term service. Insulating silicone sleeves are also available when more creepage is required or when wildlife protection is needed to insulate the connectors.

## Features:

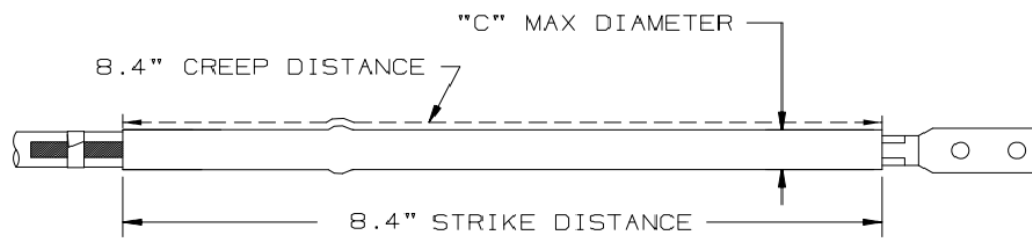
- Non-tracking silicone housing provides superior memory and weathering characteristics.
- Shrink-fit housing uses common installation procedures and cable preparation dimensions. Field-removable center core allows for easy installation.
- Three sizes cover entire cable range from #2 AWG to 1250 kcmil. Units accommodate popular XLP and EPR cable types and shield constructions.
- Installs in restricted spaces. Permits application where free hanging is desired.
- Optional connectors with copper stem, one-hole and two-hole spade connector.
- Optional cable and support bracket in four sizes, ranging from 0.80" – 2.40" O.D.

Ranger2 indoor cable terminations meets: IEEE- 48 last revision.

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PART NO.	"C"
R2IT15J1	.68"
R2IT15J2	.84"
R2IT15J4	1.17"



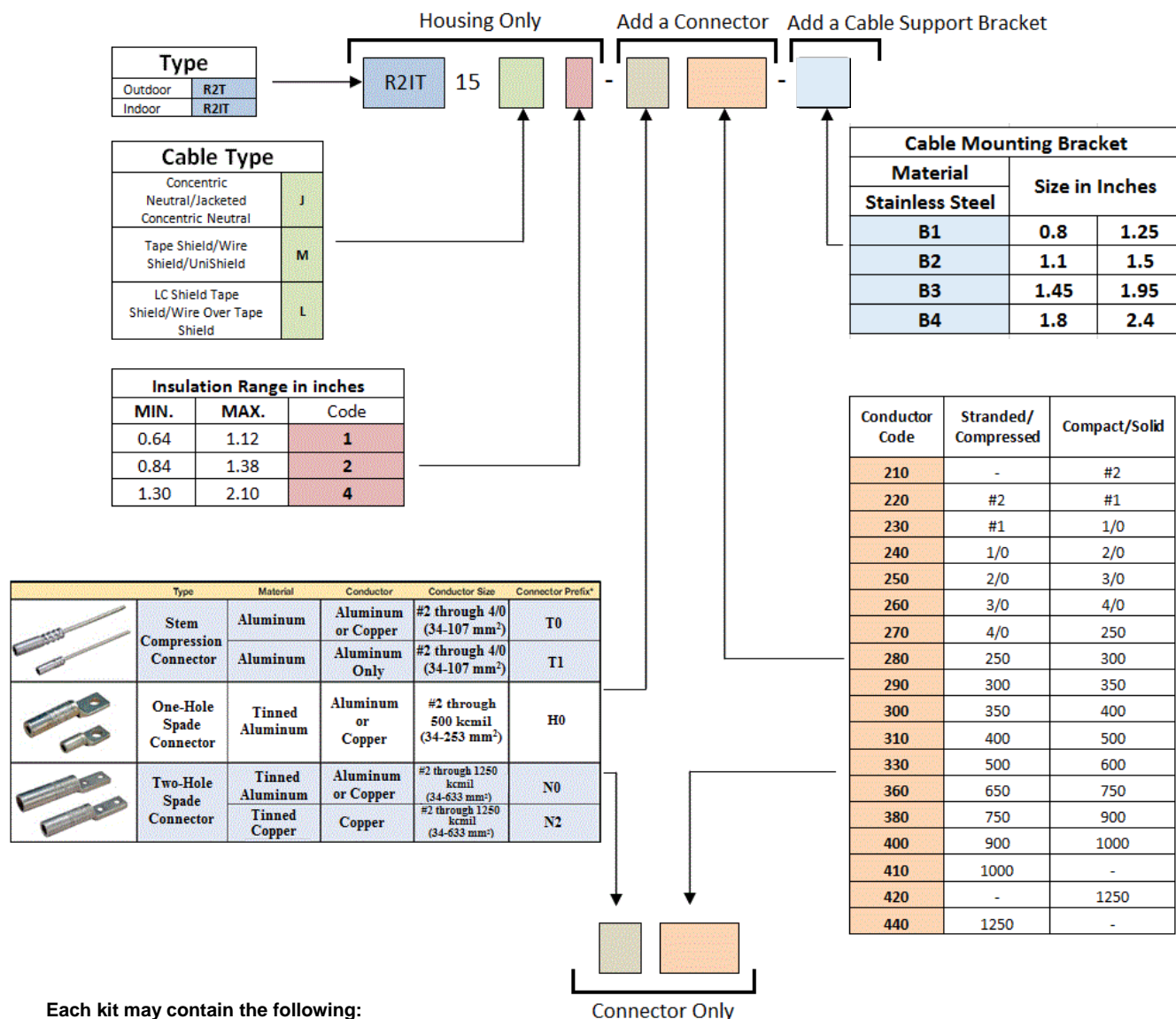
PART NO.	"C"
R2IT15M1	.68"
R2IT15M2	.84"
R2IT15M4	1.17"

Application Information	
IEEE Classification	Indoor = Class 2
Ambient Temperature Range	-22 to +149 °F (-30 to +65 °C)
Power System Frequency	48 to 62 Hz
Altitude Range	3300 feet max (1005 m)
Mounting	Free hanging or optional bracket

Dimensions	Indoor
Termination Catalog Series	R2IT15
Sizes Available	1,2,4
Voltage Rating (kV)	15
Number of Sheds	0
Minimum Strike Distance in mm	8.4 (213)
Creepage Distance in mm	8.4 (213)

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### Ranger2 Cable Termination Selection:



**Each kit may contain the following:**

- |   |                              |   |
|---|------------------------------|---|
| 1 | Ranger2 Housing              |   |
| 1 | Silicone Lubricant           |   |
| 2 | Plastic Glove                |   |
| 1 | Installation Instruction:    | IS-1134 for R2IT15J; IS-1135 for R2IT15M; IS-1136 for R2IT15L |
| 1 | Connector (if ordered)       |   |
| 1 | Crimp Chart (if ordered)     | CC-097 for H0, N0, N2; CC-051 for T0, T1                      |
| 1 | Support Bracket (if ordered) |   |