



COMPOSITE CANTILEVER INSULATORS FOR CATENARY APPLICATIONS

KEY FEATURES

- Proven interfacial seal system
- Solid polymer core
- Non tracking, UV resistant EVA housing

TE Connectivity's (TE) composite cantilever insulators consist of a polymeric housing over a pultruded fiberglass rod to which galvanized steel or aluminum end fittings are attached.

By molding directly over the end fitting, moisture ingress to the fiberglass rod is prevented by creating a chemical bond between the fitting and EVA. Rail insulators are produced using Raychem proprietary EVA.

EVA is TE Raychem-designed mineral-filled, semi-crystalline material that has several times the strength, tear resistance and modulus than silicone insulator materials.

As a leading provider of ceramic, hybrid, Ethylene Vinyl Acetate (EVA) and silicone insulators in the railway catenary market, TE is uniquely qualified to understand the merits of each material technology.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

Composite Cantilever Insulators



TE's Composite Cantilever Insulators are both RoHS and REACH compliant.

PRODUCT SELECTION INFORMATION										
Description	BIL Rating (kV)	Voltage Class (kV)	Height (mm)	Cantilever Strength (kN)	Creepage Distance (mm)	Color	Shed Diameter (mm)	Power Frequency Withstand Wet (kV)	Weight (kg)	Part Number
RRA-43R-PTG-566-42	237	15	566	10.57	1072	red	122/ 92	103	5.085	CB8082-000
RRA-52G-UTG-608	299	25	610	4	1200	gray	137 / 107	141	6.8	CR2703-000
RRA-46G-TUG-629	270	25	629	-	1243	gray	92.5/112.5	135	2.7	CR2698-000
RRA-32R-TTG	170	15	440	-	880	red	92/122	76	4	C40029-000
RRA-32R-PTG-605-70	170	15	605	6.5	880	red	92/122	170	6.556	CM7018-000
RRA-32R-PTG-605-55	170	15	605	6.5	880	red	92/122	170	6.089	CM7019-000
RRA-46G-HBG-560	270	25	560	-	1243	gray	92.5/112.5	100	-	CR2693-000
RRA-52G-TUG-608	299	25	610	4.01	1200	gray	107.5/137.5	141	-	CR2699-000
RRA-52G-TUG-597	301	25	597	10	1270	gray	107.5/137.5	139	6.7	D44881-000
RRA-52G-UTG-608-UK	299	25	608	10	1285	gray	107.5/137.5	141	6.8	A53934-000
RRA-36R-FFA-366	235	15	366	4	937	red	100/120	4	4.28	A42559-000
RRA-46R-TTA-488	237	15	488	-	1160	red	100	80	-	CA7391-000
RRA-43R-PPG-454-42	237	15	606	9.62	1072	red	92/122	103	-	CB8084-000
RRA-32R-PPG-580-70	225	15	580	-	880	red	92/122	90	7.91	CM6899-000
RRA-18G-FFG-245	130	3 DC	245	11	464	gray	92/122	55	2.7	CR2695-000
RRA-52G-UUG-690	299	25	690	3.5?	1290	gray	107.5/137.5	141	8.2	CR2701-000
RRA-52G-BBG-560	299	25	559.5	8.9	1200	gray	107.5/137.5	141	6.1	CY3134-000
RRA-32G-BBG-420	205	25	420	11.9	810	gray	107.5/137.5	93	4	CY3139-000
RRA-36R-TTA-400	235	15	400	-	852	red	100	80	1.6	D12359-000
RRA-52G-HTG-535	287	25	535	-	1320	gray	100/120	142	1	F71472-000
RRA-25R-CUG-HP	199	15	553	8.1	880	red	92/122	80	5.22	176840-000
RRA-52R-UTG-640	299	25	640	10	1285	gray	107.5/137.5	141	-	398494-000
RRA-52G-TUG-608-UK	299	25	608	10	1285	gray	107.5/137.5	141	-	768766-000
RRA-25R-UUG	199	15	616	8.1	880	red	92/122	80	-	C31118-000
RRA-43R-GT-572	237	15	502	13.2	1072	red	92/122	103	3.89	CB8083-000
RC-R11TUR170-875CEG09	216	3 DC	512	11	875	gray	107.5/137.5	99	16.8	CY2985-000
RC-R11TUR170-875CEG	216	3 DC	490	11	875	gray	107.5/137.5	99	14	CY2986-000
RRA-52G-TTG-540	287	25	540	-	1320	gray	100/120	142	-	D27564-000
RRA-52G-UTG-597	301	25	597	10	1270	gray	107.5/137.5	139	6.7	E47387-000
RRA-36G-UTG-518	231	25	518	5	900	gray	107.5/137.5	108	4	EF0287-000
RRA-52G-UTG-608		25	-	-	-	gray	-	-	-	ef3089-000
RRA-52G-TTG-540-P	287	25	540	-	1320	gray	100/120	142	-	F09289-000
RRA-52G-UUG-651	301	25	651	10	1270	gray	107.5/137.5	139	-	F27184-000

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