


ETFE / RT

ETFE insulated cores, with metric conductors
Intended for use as internal wiring of equipment

300 V AC

Order reference		Conductor				Finished wire				Electrical	
		Tin Plated Copper (TPC)				ETFE			Weight	DC Resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
RT 0.5	565cc0050	-	0.50	19 x 0.185	0.88	1.44	1.36	1.70	6	40.1	19
RT 0.75	565cc0075	-	0.75	19 x 0.225	1.05	1.61	1.58	1.80	9	26.7	24
RT 1.0	565cc0100	-	1.0	32 x 0.20	1.20	1.76	1.70	1.90	11	20.0	29

450 V AC

Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
RT 1.5	565cc0150	-	1.5	30 x 0.25	1.50	2.26	2.20	2.50	18	13.7	38
RT 2.5	565cc0250	-	2.5	50 x 0.25	1.95	2.71	2.65	3.10	27	8.21	52
RT 4	565cc0400	-	4.0	56 x 0.30	2.48	3.38	3.30	3.60	40	5.09	70
RT 6	565cc0600	-	6.0	84 x 0.30	2.92	3.82	3.70	4.20	62	3.39	90

600 V AC



Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
RT 10	565cc1000	-	10	80 x 0.40	3.93	4.83	4.73	5.10	110	1.95	127
RT 16	565cc1600	-	16	126 x 0.40	5.70	6.80	6.60	7.20	180	1.24	179
RT 25	565cc2500	-	25	196 x 0.40	7.20	8.30	8.10	8.90	260	0.795	240
RT 35	565cc3500	-	35	278 x 0.40	8.40	9.90	9.70	10.40	364	0.565	301
RT 50	565cc5000	-	50	399 x 0.40	10.70	12.20	12.00	12.40	525	0.393	372
RT 70	565cc7000	-	70	361 x 0.50	12.40	14.60	14.40	14.80	731	0.277	492
RT 95	565cc9500	-	95	475 x 0.50	14.30	16.50	16.30	16.70	966	0.210	594
RT 120	565cc9120	-	120	629 x 0.50	16.00	18.60	18.40	18.80	1,241	0.164	713
RT 150	565cc9150	-	150	777 x 0.50	18.00	20.60	20.40	20.80	1,549	0.132	828
RT 185	565cc9185	-	185	925 x 0.50	20.00	23.00	22.80	23.20	1,799	0.108	940
RT 240	565cc9240	-	240	1221 x 0.50	23.00	26.00	25.80	26.20	2,568	0.081	1,140

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black 11 Brown 22 Red 33 Orange 44 Yellow 55 Green 66 Blue 77 Violet 88 Grey 99 White 29 Pink

Marking Not applicable

Characteristics and key properties

		RoHS REACH LVD		Current rating IEC 60287	Fluid resistant Fuel Oil Water		Flame resistant		Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
Complies with SS 424 02 46								Temp low -65°C	Temp >20,000 hrs +150°C	

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