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Hookup Wire Braided Stranded Copper Wire Multiconductor Tubing Coaxial Cable

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### Braided Copper Cable

#### TUBULAR BRAIDED TINNED COPPER (QQ-B-575)

##### Standard Putups:

- 32 AWG - 5 AWG:  
100 ft.  
500 ft.  
1000 ft.
- 4 AWG - 4/0:  
100 ft.  
250 ft.
- 250 MCM - 1000  
MCM:  
Consult factory.

##### DESCRIPTION

- Construction: Strands woven in completely round configuration per Federal Specification QQ-B-575.
- Conductors: Strands are soft-drawn bare copper with tin plating. 40 microinch minimum plating thickness.

##### FEATURES & APPLICATIONS

- Used both for shielding and for protective covering.

##### APPROVALS

- QQ-B-575. QQ-B-343 Type S, 1T. ASTM-B-33.

Part Number	Approx. AWG	Stranding	Construction	Approx. CMA	Nom. Ampacity	Nom. I.D. in. mm	Fed. Spec. Part No. QQ-B-575
92676	24	16/36	16-1	400	5.7	1/32 0.79	**
92160	22	24/36	24-1	600	7.5	1/32 0.79	R36T031
94001	20	16/32	16-1	1011	10.7	1/16 1.59	R32T062
92652	20	96/40	24-4	949	10.2	1/16 1.59	**
94002	19	32/34	16-2	1272	12.4	1/16 1.59	R34T062
Part Number	Approx. AWG	Stranding	Construction	Approx. CMA	Nom. Ampacity	Nom. I.D. in. mm	Fed. Spec. Part No. QQ-B-575
92162	19	48/36	24-2	1200	12.0	1/16 1.59	R36T062
92654	18	72/36	24-3	1800	15.7	5/64 1.98	R36T078
94003	17	32/32	16-2	2023	17.0	7/64 2.78	R32T109
94004	16	64/34	16-4	2544	19.9	7/64 2.78	R34T109
94005	16	72/34	24-3	2862	21.5	1/8 3.18	R34T109
Part Number	Approx. AWG	Stranding	Construction	Approx. CMA	Nom. Ampacity	Nom. I.D. in. mm	Fed. Spec. Part No. QQ-B-575
92164	16	96/36	24-4	2400	19.1	7/64 2.78	R36T109
94006	15	48/32	24-2	3034	22.4	1/8 3.18	R32T125
92166	15	120/36	24-5	3000	22.2	1/8 3.18	R36T125
94007	14	72/32	24-3	4551	29.5	11/64 4.37	R32T171
92660	14	69/34	24-4	3816	26.2	5/32 3.97	**
Part Number	Approx. AWG	Stranding	Construction	Approx. CMA	Nom. Ampacity	Nom. I.D. in. mm	Fed. Spec. Part No. QQ-B-575
92168	14	168/36	24-7	4200	27.9	11/64 4.37	R36T171
92668	13	120/34	24-5	4770	30.4	11/64 4.37	R34T171
92663	12	168/34	24-7	6678	38.2	5/16 7.94	**
92167	12	240/36	24-10	6000	35.5	5/32 3.97	R36T156
94008	11	120/32	24-5	7585	41.6	13/64 5.16	R32T203
Part Number	Approx. AWG	Stranding	Construction	Approx. CMA	Nom. Ampacity	Nom. I.D. in. mm	Fed. Spec. Part No. QQ-B-575
92170	11	192/34	24-8	7632	41.8	13/64 5.16	R34T203
94009	11	312/36	24-13	7800	42.4	13/64 5.16	R36T203

	94010	11	344/36	24-14&15	8600	45.3	1/4 6.35	**
	94011	10	96/30	24-4	9648	48.9	3/8 9.53	**
	94012	10	144/32	48-3	9102	47.0	3/8 9.53	R32T375
	Part Number	Approx. AWG	Stranding	Construction	Approx. CMA	Nom. Ampacity	Nom. I.D. in. mm	Fed. Spec. Part No. QQ-B-575
	94013	10	240/34	48-5	9540	48.6	3/8 9.53	R34T375
	92171	10	384/36	24-16	9600	48.8	1/4 6.35	R36T250
	92172	10	384/36	48-8	9600	48.8	3/8 9.53	R36T375
	92171/1	9	120/30	24-5	12060	57.0	9/32 7.14	R30T281
	94014	9	192/32	48-8	12136	57.0	1/2 12.70	R32T500
	Part Number	Approx. AWG	Stranding	Construction	Approx. CMA	Nom. Ampacity	Nom. I.D. in. mm	Fed. Spec. Part No. QQ-B-575
	94015	9	336/34	48-7	13356	61.1	1/2 12.70	R34T500
	92174	9	528/36	48-11	13200	60.5	1/2 12.70	R36T500
	94016	8	168/30	24-7	16884	71.4	3/8 9.53	R30T375
	94017	7	336/32	48-7	21239	83.2	25/32 19.84	R32T781
	94018	7	528/34	48-11	20956	82.4	25/32 19.84	R34T781
	Part Number	Approx. AWG	Stranding	Construction	Approx. CMA	Nom. Ampacity	Nom. I.D. in. mm	Fed. Spec. Part No. QQ-B-575
	92176	7	864/36	48-18	21600	84.3	25/32 19.84	R36T781
	92173	6	240/30	24-10	21420	90.8	7/16 11.11	R30T437
	92177	5	336/30	48-7	33768	114	7/8 22.23	R30T875
	94019	5	360/30	24-15	36180	119	1/2 12.70	R30T500
	92178	4	384/30	48-8	38592	125	1 25.40	R30T1000
	Part Number	Approx. AWG	Stranding	Construction	Approx. CMA	Nom. Ampacity	Nom. I.D. in. mm	Fed. Spec. Part No. QQ-B-575
	92179	4	432/30	48-9	43416	135	1 1/8 28.58	R30T1125
	92175	3	480/30	48-10	48240	145	9/16 14.29	R30T562
	92180	3	480/30	48-10	48240	145	1 1/4 31.75	**
	92181	3	528/30	48-11	53064	155	1 3/8 34.93	R30T1375
	92182	3	576/30	48-12	57888	164	1 1/2 38.10	R30T1500
	Part Number	Approx. AWG	Stranding	Construction	Approx. CMA	Nom. Ampacity	Nom. I.D. in. mm	Fed. Spec. Part No. QQ-B-575
	94020	2	672/30	48-14	67536	182	2 50.80	R30T2000
	92175/1	1	768/30	48-16	77184	199	2 1/32 16.67	R30T656
	94021	1	768/30	48-16	77184	199	2 1/4 57.15	**

**Ampacities shown are for bare conductor in free air at an ambient temperature of 86F (30C) and are intended as a reference guide only. Actual values depend on permissible temperature rise, permissible voltage drop, and other conditions of service. Because braided cables are extremely pliable, dimensions shown are only approximate. \*\*Manufactured to QQ-B-575 standards, but these particular sizes not currently listed in the specifications.**

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