

AdvanceWay™ Wire Capacity Chart

AdvanceWay™ Raceway - Wire Fill for Power *

WIRE SIZE CABLE/WIRE SIZE	O.D. (approx. Diam)		NO. OF CONDUCTORS
	inches	(mm)	
14 AWG	0.111	(2.6)	37
12 AWG	0.130	(3.3)	25
10 AWG	0.164	(4.2)	22
8 AWG	0.216	(5.5)	14
			* AdvanceWay is specifically designed for one compartment use for power.

AdvanceWay™ Raceway - Wire Fill for Communications

	WIRE SIZE CABLE/WIRE SIZE	O.D. (approx. Diam)		NO. OF CABLES PER COMPARTMENT*
		inches	(mm)	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG Cat 3	0.190	(4.8)	44
	4-pair, 24 AWG Cat 5e	0.210	(5.3)	36
	4-pair, 24 AWG Cat 6	0.250	(6.3)	26
	4-pair, 24 AWG Cat 6a**	0.250	(6.3)	18
	25-pair, 24 AWG	0.250	(6.3)	11
COAXIAL	RG6/U	0.270	(6.9)	22
FIBER	ZipCord	0.118x0.236	(3 x 6)	45
	Round 4 Strand Fiber	0.187	(4.8)	46
	Round 6 Strand Fiber	0.256	(6.5)	24

* Wire fill capacity is reduced to allow for proper conductor bend radius and maximum permissible heat rise.

** Category 6 augmented (6a) cable for 10 gigabit ethernet - maximum allowed cable diameter per addenda No 11 ANSI TIA/EIA 568-B.2.