

CONSTRUCTION DATA

Conductor:	
# of Conductors	8
AWG	23 AWG
Conductor Stranding	Solid
Copper Type	Bare Copper

Applications

* Networking
* Security

X-Reference

WPW	254236F
Belden	2413FS

Insulation:	
Type	Flouropolymer
Thickness	.010 in.
Color Code	BL, WH/BL, OR, WH/OR, GN, WH/GN, BN, WH/BN

Shield:	
Shield Type	Overall Aluminum Foil
Drain Wire Type	Tinned Copper
Drain Wire AWG	26 AWG

Jacket:	
Jacket Type	PVC
Nominal Cable O.D.	0.255 in.
Colors	Black

TECHNICAL DATA

Voltage Rating	300V
Operating Temperature	-20 to 60 C
Flame Test	NFPA 262
NEC Rating	CMP
RoHS Compliant	Yes
Max. Pull Tension	25 lbs
Max. Bend Radius	1.105 in.
Cable Weight	37 lbs
Nominal DCR	24 Ohms/1000ft
Nominal Cap. Between Conductors	13 pF/ft
Nominal Cap. Cond. To Shield	N/A

Cat 6 Shielded	Insertion Loss		NEXT		PSNEXT		ACR		PSACR		ACRF		PSACRF		Return Loss	
	Standard	Maximum	Standard	Minimum	Standard	Minimum	Calculated	Minimum	Calculated	Minimum	Standard	Minimum	Standard	Minimum	Standard	Minimum
1	2	2	74.3	74.3	72.3	72.3	72.3	72.3	70.3	70.3	67.8	67.8	64.8	64.8	20	20
4	3.8	3.8	65.3	65.3	63.3	63.3	61.5	61.5	59.5	59.5	55.8	55.8	52.8	52.8	23	23
8	5.3	5.3	60.8	60.8	58.8	58.8	55.4	55.4	53.4	53.4	49.7	49.7	46.7	46.7	24.5	24.5
10	6	6	59.3	59.3	57.3	57.3	53.3	53.3	51.3	51.3	47.8	47.8	44.8	44.8	25	25
16	7.6	7.6	56.2	56.2	54.2	54.2	48.7	48.7	46.7	46.7	43.7	43.7	40.7	40.7	25	25
31.25	10.7	10.7	51.9	51.9	49.9	49.9	41.2	41.2	39.2	39.2	37.9	37.9	34.9	34.9	23.6	23.6
62.5	15.4	15.4	47.4	47.4	45.4	45.4	32	32	30	30	31.9	31.9	28.9	28.9	21.5	21.5
100	19.8	19.8	44.3	44.3	42.3	42.3	24.5	24.5	22.5	22.5	27.8	27.8	24.8	24.8	20.1	20.1
200	29	29	39.8	39.8	37.8	37.8	10.8	10.8	8.8	8.8	21.8	21.8	18.8	18.8	18	18
250	32.8	32.8	38.3	38.3	36.3	36.3	5.5	5.5	3.5	3.5	19.8	19.8	16.8	16.8	17.3	17.3
350	-	39.8	-	36.1	-	34.1	-	-	-	-	-	16.9	-	13.9	-	16.3
555*	-	52	-	33.1	-	31.1	-	-	-	-	-	12.9	-	9.9	-	14.9
660*	-	57.7	-	32	-	30	-	-	-	-	-	11.4	-	8.4	-	14.4