

B080 SPECIFICATIONS

Bombardier specifications for general purpose aircraft wiring application - 600V

Description

Construction

- CONDUCTOR
Tin, Silver, Nickel plating with copper and high strength copper-alloy
- INSULATION
Extruded XL-ETFE single and dual layer thin and medium walls

Temperature Rating

Tin coated: 150°C

Silver or Nickel coated: 200°C

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Characteristics

Electrical characteristics

Maximal operating frequency	2000 MHz
Operating voltage	600 V

B080 single core

Bombardier #(*)	Nexans #	Conductor AWG	Conductor stranding	Conductor Type	Diameter (inch)		Weight (lbs/1000ft)	
					Nom.	Max.	Nom.	Max.
B0801150-20-*	CB2T20-*	20	19/32	T	0.054	0.0557	4.42	4.57
B0801150-22-*	CB2T22-*	22	19/34	T	0.0455	0.0472	2.9	3.06
B0801190-22-*	CB2K22-*	22	19/34	K	0.0438	0.0455	2.9	3.06
B0801190-24-*	CB2K24-*	24	19/36	K	0.0395	0.0412	1.98	2.13
B0801200-22-*	CB2V22-*	22	19/34	V	0.0455	0.0472	2.9	3.06
B0801220-2-*	CB2N2-*	2	665/30	N	0.383	0.397	220.9	240
B0801220-8-*	CB2N8-*	8	133/29	N	0.196	0.203	57.98	59.9
B0801220-10-*	CB2N10-*	10	37/26	N	0.129	0.1328	31.05	32.13
B0801220-12-*	CB2N12-*	12	37/28	N	0.1047	0.1074	19.58	20.3
B0801220-16-*	CB2N16-*	16	19/29	N	0.071	0.073	8.44	8.7
B0801220-18-*	CB2N18-*	18	19/30	N	0.0635	0.0654	6.63	6.9
B0801220-20-*	CB2N20-*	20	19/32	N	0.054	0.0557	4.42	4.57
B0801220-22-*	CB2N22-*	22	19/34	N	0.0455	0.0472	2.9	3.06

(*) More constructions available on demand.

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B080 multicore

Bombardier #(*)	Nexans #	Conductor AWG	# of cores	Shield type	Shield strand AWG	Diameter (inch)		Weight (lbs/1000ft)	
						N/A	Max.	Nom.	Max.
B0801151-18	CB2T18A2U00	18	2	U	N/A	0.127	0.13		13.82
B0801162-10	CB2S10A3U00	10	3	U	N/A	0.277	0.287		98.3
B0801171-22	CB1T22A2TF23	22	2	TF	38	0.105	0.109		9.2
B0801172-22	CB1T22A3TF23	22	3	TF	38	0.113	0.118		12.72
B0801176-22	CB1T22A2TS23	22	2	TS	38	0.114	0.119		11.6
B0801222-12	CB2N12A3U00	12	3	U	N/A	0.226	0.232		61.19
B0801222-8	CB2N8A3U00	8	3	U	N/A	0.423	0.438		181
B0801236-22	CB2N22A2NS23	@22	@2	NS	38	0.122	0.127		12.5
B0801346-24	CB3K24A2NS23	@24	@2	NS	38	0.118	0.122		10.77
B0801347-24	CB3K24A3NS23	@24	@3	NS	38	0.124	0.131		14.15
B0801376-22	CB1N-	@22	@2	NS	38	0.114	0.119		11.6
B0801403-22	CB1T22U3TS23	@22	@3	TS	38	0.122	0.127		15.39
B0801436-24	CB1K24A2NS23	@24	@2	NS	38	0.101	0.105		8.91
B0801437-24	CB1K24A3NS23	@24	@3	NS	38	0.106	0.113		11.67
B0801671-22	CB1N22A2NF23	@22	@2	NF	38	0.105	0.109		9.2
B0801690-22	CB1K22A1NF23	@22	@1	NF	38	0.062	0.066		4.97
B0801690-24	CB1K24A1NF23	@24	@1	NF	38	0.056	0.06		3.82
B0801691-22	CB1K22A2NF23	@22	@2	NF	38	0.105	0.109		9.2
B0801691-24	CB1K24A2NF23	@24	@2	NF	38	0.093	0.097		6.95
B0801692-24	CB1K24A3NF23	@24	@3	NF	38	0.1	0.105		9.45

(*) More constructions available on demand.

B080 Single core

