

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Listing	Part Number ¹	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package	Packages per Pallet
CMP-CMX	6B-272-ER	0.27 (6.9)	36 (54)	1,000' Reel	12

¹Contact us for other special order jacket colors

OTHER JACKET COLORS AVAILABLE

Blue	Gray	White
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ELECTRICAL SPECIFICATIONS

Frequency MHz	Insertion Loss @ 20°C Maximum dB/100 m			NEXT Minimum dB/100 m			ACR Minimum dB/100 m			PSNEXT Minimum dB/100 m			PSACR Minimum dB/100 m		
	TIA-568.2-D		Superior Essex	TIA-568.2-D		Superior Essex	TIA-568.2-D		Superior Essex	TIA-568.2-D		Superior Essex	TIA-568.2-D		Superior Essex
	Specified	Guar.	Typical	Specified	Guar.	Typical	Calculated	Guar.	Typical	Specified	Guar.	Typical	Calculated	Guar.	Typical
1	2.1	2.1	2.0	74.3	74.3	76.8	72.2	72.2	74.8	72.3	72.3	74.8	70.2	70.2	72.8
4	3.8	3.8	3.7	65.3	65.3	67.8	61.5	61.5	64.1	63.3	63.3	65.8	59.5	59.5	62.1
8	5.3	5.3	5.2	60.8	60.8	63.3	55.5	55.5	58.1	58.8	58.8	61.3	53.5	53.5	56.1
10	5.9	5.9	5.8	59.3	59.3	61.8	53.4	53.4	56.0	57.3	57.3	59.8	51.4	51.4	54.0
16	7.5	7.5	7.3	56.2	56.2	58.7	48.7	48.7	51.4	54.2	54.2	56.7	46.7	46.7	49.4
20	8.4	8.4	8.2	54.8	54.8	57.3	46.4	46.4	49.1	52.8	52.8	55.3	44.4	44.4	47.1
25	9.4	9.4	9.2	53.3	53.3	55.8	43.9	43.9	46.6	51.3	51.3	53.8	41.9	41.9	44.6
31.25	10.5	10.5	10.3	51.9	51.9	54.4	41.4	41.4	44.1	49.9	49.9	52.4	39.4	39.4	42.1
62.5	15.0	15.0	14.7	47.4	47.4	49.9	32.4	32.4	35.2	45.4	45.4	47.9	30.4	30.4	33.2
100	19.1	19.1	18.8	44.3	44.3	46.8	25.2	25.2	28.0	42.3	42.3	44.8	23.2	23.2	26.0
200	27.6	27.6	27.0	39.8	39.8	42.3	12.2	12.2	15.3	37.8	37.8	40.3	10.2	10.2	13.3
250	31.1	31.1	30.4	38.3	38.3	40.8	7.2	7.2	10.4	36.3	36.3	38.8	5.2	5.2	8.4
300	34.3	34.3	33.6	37.1	37.1	39.6	2.8	2.8	6.0	35.1	35.1	37.6	0.8	0.8	4.0
350	37.2	37.2	36.5	36.1	36.1	38.6			2.1	34.1	34.1	36.6			0.1
400	40.1	40.1	39.3	35.3	35.3	37.8				33.3	33.3	35.8			
500	45.3	45.3	44.4	33.8	33.8	36.3				31.8	31.8	34.3			
600		50.1	49.5		32.6	35.1					30.6	33.1			

Frequency MHz	Return Loss Minimum dB/100 m			ACRF Minimum dB/100 m			PSACRF Minimum dB/100 m			PSANEXT Minimum dB/100 m			PSAACRF Minimum dB/100 m		
	TIA-568.2-D		Superior Essex	TIA-568.2-D		Superior Essex	TIA-568.2-D		Superior Essex	TIA-568.2-D		Superior Essex	TIA-568.2-D		Superior Essex
	Specified	Guar.	Typical	Specified	Guar.	Typical	Specified	Guar.	Typical	Specified	Guar.	Typical	Specified	Guar.	Typical
1	20.0	20.0	20.6	67.8	67.8	71.8	64.8	64.8	68.8	67.0	82.0	96.5	67.0	82.0	85.0
4	23.0	23.0	23.7	55.8	55.8	59.8	52.8	52.8	56.8	67.0	82.0	87.5	66.2	81.2	84.2
8	24.5	24.5	25.3	49.7	49.7	53.7	46.7	46.7	50.7	67.0	82.0	83.0	60.1	75.1	78.1
10	25.0	25.0	25.8	47.8	47.8	51.8	44.8	44.8	48.8	67.0	82.0	83.0	58.2	73.2	76.2
16	25.0	25.0	25.8	43.7	43.7	47.7	40.7	40.7	44.7	67.0	82.0	83.0	54.1	69.1	72.1
20	25.0	25.0	25.8	41.8	41.8	45.8	38.8	38.8	42.8	67.0	82.0	83.0	52.2	67.2	70.2
25	24.3	24.3	25.1	39.8	39.8	43.8	36.8	36.8	40.8	67.0	82.0	83.0	50.2	65.2	68.2
31.25	23.6	23.6	24.3	37.9	37.9	41.9	34.9	34.9	38.9	67.0	82.0	83.0	48.3	63.3	66.3
62.5	21.5	21.5	22.2	31.9	31.9	35.9	28.9	28.9	32.9	65.6	80.6	82.0	42.3	57.3	60.3
100	20.1	20.1	20.7	27.8	27.8	31.8	24.8	24.8	28.8	62.5	77.5	80.0	38.2	53.2	56.2
200	18.0	18.0	18.5	21.8	21.8	25.8	18.8	18.8	22.8	58.0	73.0	76.0	32.2	47.2	50.2
250	17.3	17.3	17.8	19.8	19.8	23.8	16.8	16.8	20.8	56.5	71.5	74.0	30.2	45.2	48.2
300	16.8	16.8	17.3	18.3	18.3	22.3	15.3	15.3	19.3	55.3	70.3	73.0	28.7	43.7	46.7
350	16.3	16.3	16.8	16.9	16.9	20.9	13.9	13.9	17.9	54.3	69.3	71.0	27.3	42.2	44.2
400	15.9	15.9	16.4	15.8	15.8	19.8	12.8	12.8	16.8	53.5	68.5	70.0	26.2	41.2	42.2
500	15.2	15.2	15.7	13.8	13.8	17.8	10.8	10.8	14.8	52.0	67.0	69.0	24.2	39.2	40.6
600			15.1		12.2	16.2		9.8	13.8			68.0			39.9

PRINT LEGENDS

CAT 6A xxxx FT (xxxx.xM) ID yyyy CAT 6A ScTP 4PR 23 SUPERIOR ESSEX (UL) CMP-LP (0.6A) 90C or c(UL) CMP 90C VERIFIED (UL) CAT 6A XXX_- -H MADE IN USA PAT p.spx.us
 CAT 6A xxxx FT (xxxx.xM) ID yyyy CAT 6A ScTP 4PR 23 SUPERIOR ESSEX (UL) CMR-LP (0.5A) 75C or c(UL) CMR 75C VERIFIED (UL) CAT 6A XXX_- -H MADE IN USA PAT p.spx.us