



CORNING

Cabelcon® RF Trunk Portfolio with True Split Technology

Space Savings – up to 1.8 GHz – Fast and Easy Installation – DOCSIS 3.1+ Ready

True Split Customer Solutions

Generally:

- Network noise reduction
- Power for amplifiers reduceable
- All “F” female ports water sealed



True Split Connector

- Connect splitter and tap direct to the trunk line cable
- Available for most common cables



True Split Jumper

- Plug-and-play solution
- Factory installed on A+ cable



True Split Adapter with “F” Female and 3.5/12 F Interface

- Utilize existing True Lock connectors
- “F” female and 3.5/12 F available



Wall-Mount Clip for True Split Family

- One single metal clip on/off for all True Split types

Typical Spec

Return Loss (dB) (In/Out)	CTSX-02	CTSX-02-P	CTSX-04	CTSX-1-6	CTSX-2-12	CTSX-4-10	CTSX-4-12
5-12 MHz	22.5	20.4	25.3	17.4	22.5	25.8	25.6
12-40 MHz	25.7	24.3	26.9	18.6	20.8	29.1	29.6
40-320 MHz	26.2	36.5	25.6	21.1	26.8	33.0	36.5
320-400 MHz	29.3	31.5	25.6	20.7	34.1	29.8	38.4
400-800 MHz	19.5	23.7	23	19.5	30.0	23.9	28.4
800-1000 MHz	18.4	18.5	25	23.2	22.5	20.1	22.5
1000-1200 MHz	17.9	15.2	28.1	27.4	20.2	18.8	20.8
1200-1800 MHz	13.6	21.7	19.3	23.1	23.7	19.4	22.5

Insertion Loss (dB) Output	CTSX-02	CTSX-02-P	CTSX-04	CTSX-1-6	CTSX-2-12	CTSX-4-10	CTSX-4-12
5-12 MHz	3.6	4.2	7.0	3.1	1.9	-	-
12-40 MHz	3.5	3.7	6.8	2.7	1.6	-	-
40-320 MHz	3.5	3.6	6.8	2.5	1.4	-	-
320-400 MHz	3.6	3.7	7.0	2.6	1.5	-	-
400-800 MHz	3.9	4.0	7.2	2.7	1.7	-	-
800-1000 MHz	4.0	4.4	7.5	2.8	2.0	-	-
1000-1200 MHz	4.2	4.5	7.9	2.9	2.2	-	-
1200-1800 MHz	5.3	4.9	8.9	3.6	3.1	-	-

Insertion Loss (dB) Tap	CTSX-02	CTSX-02-P	CTSX-04	CTSX-1-6	CTSX-2-12	CTSX-4-10	CTSX-4-12
5-12 MHz	-	-	-	7.1	13.1	9.4	11.2
12-40 MHz	-	-	-	6.9	13.0	9.2	11.0
40-320 MHz	-	-	-	6.9	12.9	9.2	11.0
320-400 MHz	-	-	-	7.0	13.0	9.4	11.2
400-800 MHz	-	-	-	6.9	13.0	9.6	11.3
800-1000 MHz	-	-	-	6.8	13.0	10.1	11.6
1000-1200 MHz	-	-	-	6.7	12.9	10.4	11.8
1200-1800 MHz	-	-	-	7.1	13.2	11.2	12.4

Isolation (dB)	CTSX-02	CTSX-02-P	CTSX-04	CTSX-1-6	CTSX-2-12	CTSX-4-10	CTSX-4-12
5-12 MHz	24.1	24.8	27.0	-	37.5	32.0	35.4
12-40 MHz	30.1	34.8	31.2	-	42.4	36.1	39.9
40-320 MHz	30.6	32.7	30.0	-	42.9	34.1	38.3
320-400 MHz	29.8	28.6	28.6	-	42.7	32.2	36.4
400-800 MHz	28.1	25.6	29.0	-	42.0	32.7	36.2
800-1000 MHz	27.3	24.6	29.1	-	41.4	33.1	35.8
1000-1200 MHz	26.4	23.9	27.6	-	39.2	32.1	35.2
1200-1800 MHz	20.8	25.4	26.3	-	32.3	32.7	37.1

Isolation (dB) Tap to Out	CTSX-02	CTSX-02-P	CTSX-04	CTSX-1-6	CTSX-2-12	CTSX-4-10	CTSX-4-12
5-12 MHz	-	-	-	34.8	26.5	-	-
12-40 MHz	-	-	-	27.5	30.9	-	-
40-320 MHz	-	-	-	28.1	31.7	-	-
320-400 MHz	-	-	-	25.4	32.1	-	-
400-800 MHz	-	-	-	26.1	32.0	-	-
800-1000 MHz	-	-	-	26.5	29.4	-	-
1000-1200 MHz	-	-	-	25.6	27.9	-	-
1200-1800 MHz	-	-	-	22.2	22.8	-	-

All taps (excl. 4-10 and 4-12 taps) include a power-through capability of 2 amp from input to output and a power block on all other taps.

- CTSX-02 = Corning True Split Two-Way Splitter
- CTSX-02-P = Corning True Split Two-Way Splitter with power through
- CTSX-04 = Corning True Split Four-Way Splitter
- CTSX-1-6 = Corning True Split One-Way Tap (tap output -6 dB)
- CTSX-2-12 = Corning True Split Two-Way Tap (tap output -12 dB)
- CTSX-4-10 = Corning True Split Four-Way Tap (tap output -10 dB)
- CTSX-4-12 = Corning True Split Four-Way Tap (tap output -12 dB)
- Other variations of taps will be released Q4'18

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