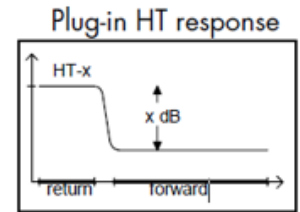


High Tap Value (TX-HT)

- Used for forward path attenuation
- Maintains the same upstream (Tap value)
- Conditions all tap ports
- Available in 3 dB, 6 dB, 9 dB and 12 dB values

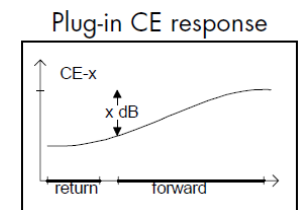
*Additional values available upon request



Cable Equalizer (TX-CE)

- Designed to compensate negative tilt associated with longer cable lengths
- Conditions all tap ports
- Available in 3 dB, 6 dB, 9 dB and 12 dB values

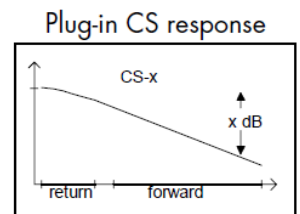
*Additional values available upon request



Cable Simulator (TX-CS)

- Designed to compensate for positive tilt
- Provides lower return path attenuation
- Conditions all tap ports
- Available in 3 dB, 6 dB, 9 dB and 12 dB values

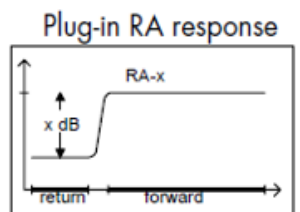
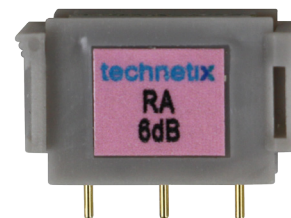
*Additional values available upon request



Return Path Attenuator (TX-RA)

- Designed to attenuate upstream
- Compensates for low dB value in the return path
- Maintains the same downstream (Tap value)
- Available in 2 dB, 4 dB, 6 dB, 8 dB and 10 dB values

*Additional values available upon request



TX-HT, TX-CE, TX-CS, TX-RA –

for all styles of conditioning taps

Specifications

	MHz	TX-HT-03			TX-HT-06			TX-HT-09			TX-HT-12		
		Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
Insertion loss (dB)	5	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0
	42	2.8	3.3	3.8	2.8	3.3	3.8	3.3	3.8	4.3	3.3	3.8	4.3
	54	3.2	3.9	4.4	6.6	7.1	7.6	9.7	10.2	10.7	12.7	13.2	13.8
	550	2.5	3.0	3.5	5.6	6.1	6.6	8.6	9.1	9.6	11.6	12.1	12.6
	750	2.6	3.1	3.6	5.6	6.1	6.6	8.6	9.1	9.6	11.6	12.1	12.6
	1000	2.7	3.2	3.7	6.2	6.7	7.2	9.0	9.5	10.1	12.0	12.5	13.1

	MHz	TX-CE-03			TX-CE-06			TX-CE-09			TX-CE-12		
		Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
Insertion loss (dB)	5	2.9	3.5	4.0	5.5	6.0	6.5	8.7	9.2	9.7	12.3	12.8	13.3
	42	2.9	3.5	4.0	5.4	5.9	6.4	8.5	9.0	9.5	12.1	12.6	13.1
	54	2.9	3.5	4.0	5.3	5.8	6.3	8.4	8.9	9.4	11.9	12.4	12.9
	550	0.8	1.3	1.8	1.1	1.6	2.1	1.9	2.4	2.9	2.6	3.1	3.6
	750	0.1	0.5	1.0	0.0	0.5	1.0	0.7	1.2	1.7	1.2	1.7	2.2
	1000	0.2	0.7	1.2	0.0	0.5	1.0	0.1	0.6	1.1	0.3	0.8	1.3

	MHz	TX-CS-03			TX-CS-06			TX-CS-09			TX-CS-12		
		Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
Insertion loss (dB)	5	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0
	42	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0
	54	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0
	550	2.3	2.8	3.3	3.3	3.8	4.3	4.6	5.1	5.6	4.7	5.2	5.7
	750	2.4	2.9	3.4	4.9	5.4	5.9	7.9	8.4	8.9	10.5	11.0	11.5
	1000	3.0	3.5	4.0	6.1	6.6	7.2	12.0	12.5	13.0	14.6	15.1	15.6

	MHz	TX-RA-02			TX-RA-04			TX-RA-06			TX-RA-08			TX-RA-10		
		Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
Insertion loss (dB)	5	1.8	2.3	2.8	3.8	4.3	4.8	5.8	6.3	6.8	7.8	8.3	8.8	9.8	10.3	10.8
	30	1.3	2.8	3.3	4.3	4.8	5.3	6.3	6.8	7.3	8.3	8.8	9.3	10.3	10.8	11.3
	54	0.6	1.1	1.6	0.6	1.1	1.6	0.6	1.1	1.6	0.6	1.1	1.6	0.6	1.1	1.6
	550	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0
	750	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0	0.1	0.5	1.0
	1000	0.5	1.0	1.5	0.5	1.0	1.5	0.5	1.0	1.5	0.5	1.0	1.5	0.5	1.0	1.5

Remarks

All values are in addition to tap loss

Compatible with all lines of conditioning taps including:

OTMU-x-xx-IC, OTRU-x-xx-IC, OTRWU-x-xx-IC, OTSU-x-xx-IC, OTSWU-x-xx-IC

Ordering Information

Conditioning tap plug-ins

Product	Description	Article number
TX-CE-03	3 dB conditioning plug-in, cable equalizer	19006050
TX-CE-06	6 dB conditioning plug-in, cable equalizer	19006049
TX-CE-09	9 dB conditioning plug-in, cable equalizer	19006053
TX-CE-12	12 dB conditioning plug-in, cable equalizer	19006781
TX-CS-03	3 dB conditioning plug-in, cable simulator	19006048
TX-CS-06	6 dB conditioning plug-in, cable simulator	19006047
TX-CS-09	9 dB conditioning plug-in, cable simulator	19006046
TX-CS-12	12 dB conditioning plug-in, cable simulator	19007099
TX-HT-03	3 dB conditioning plug-in, high tap	19006045
TX-HT-06	6 dB conditioning plug-in, high tap	19006044
TX-HT-09	9 dB conditioning plug-in, high tap	19006043
TX-HT-12	12 dB conditioning plug-in, high tap	19007103
TX-RA-02	2 dB conditioning plug-in, return attenuator	19006042
TX-RA-04	4 dB conditioning plug-in, return attenuator	19006052
TX-RA-06	6 dB conditioning plug-in, return attenuator	19006051
TX-RA-08	8 dB conditioning plug-in, return attenuator	19007100
TX-RA-10	10 dB conditioning plug-in, return attenuator	19007101

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