

## APPROVED WIRE CABLES for DIGITAL AUDIO LOOPS

PN 52916ADD:G1 03/06/2019 19-0552

The following fire-rated cables have been tested and approved by Notifier for use with the DVC System as digital audio loop segments.

Do not splice a cable. Splicing will degrade the signal, and the recommended distance will no longer apply.

Cable Type	RECOMMENDED DISTANCE
Belden 5320UJ (18 AWG, twisted-pair, unshielded) FPL	1900 ft. (579 m.)
Comtran 8696 (18 AWG, twisted-pair, unshielded) FPLR	1000 ft. (305.8 m.)
Comtran 8698 (14 AWG, twisted-pair, unshielded) FPLP	1000 ft. (305.8 m.)
Comtran 8706 (16 AWG, twisted-pair, unshielded) FPLP	1000 ft. (305.8 m.)
Comtran 8709 (14 AWG, twisted-pair, unshielded) FPLP	1000 ft. (305.8 m.)
Comtran 35777 VITALink 2C/16 (16 AWG, twisted-pair, unshielded) FPLR	850ft. (259.08 m.)
Comtran 35787 (14 AWG 2-Hour fire Rated, Shielded) FPLR	850ft. (259.08 m.)
Genesis 4050 (18 AWG, twisted-pair, unshielded) FPL	1000 ft. (305.8 m.)
Genesis 4307 (18 AWG, twisted-pair, unshielded) 4 conductor unshielded) FPLP	750 ft. (228.6 m.)
Genesis 4431 (18 AWG, twisted-pair, unshielded) FPLR	1000 ft. (305.8 m.)
Genesis 4433 (14 AWG, twisted-pair, unshielded) FPLR	1000 ft. (305.8 m.)
Genesis 4631 (18 AWG, twisted-pair, unshielded) FPLP	1000 ft. (305.8 m.)
Genesis 4633 (14 AWG, twisted-pair, unshielded) FPLP	1000 ft. (305.8 m.)
Genesis 5500* (18 AWG, twisted-pair, unshielded) FPLP, NYC - approved LL5	450 ft. (137.1 m.)
Genesis 5502* (16 AWG, twisted-pair, unshielded) FPLP, NYC - approved LL5	400 ft. (121.9 m.)
Lake Cable SNY141PR-NOT* (14 AWG, 2-pair, unshielded), FPLP, NYC LL5	1200 ft (365.7 m.)
Pyrotenax 2/16-246T (16 AWG, twisted-pair, mineral insulated)	200 ft. (121.9 m.)
Shawflex 64220M140118700 (14 AWG, twisted-pair, shielded, armored)	500 ft. (152.4 m.)
West Penn 980 (18 AWG, twisted-pair, shielded) FPLR	1000 ft. (305.8 m.)
West Penn D980 (18 AWG, twisted-pair, unshielded) FPLR	1300 ft. (396.2 m.)
West Penn D990 (16 AWG, twisted-pair, unshielded) FPLR	1300 ft. (396.2 m.)
West Penn AQ225 (16 AWG, twisted-pair, unshielded) FPL	800 ft (243.84 m.)
Windy City Wire 761365 (16 AWG, twisted-pair, unshielded) FPLP	800 ft (243.84 m.)
*Approved for New York City applications.	

<b>CI/CIC-rated Circuit Integrity Wire Cable Type</b>	<b>RECOMMENDED DISTANCE</b>
Belden 5220UM (16AWG, twisted-pair, unshielded) FPLR-CI	720 ft. (219.5 m.)
Belden 5220UZ (16AWG, twisted-pair, unshielded) FPLR-CIC	1000 ft. (305.8 m.)
Belden 5320UM (18AWG, twisted-pair, unshielded) FPLR-CI	720 ft. (219.5 m.)
Comtran 36316 VITALink (14AWG TP Shielded, twisted-pair) FPLR-CI	1000 ft. (305.8 m.)
Draka USA CI FPLR-2C/14NS (14 AWG, twisted-pair, unshielded) FPLR-CI	1000 ft. (305.8 m.)
Draka USA CI FPLR-2C/16NS (16 AWG, twisted-pair, unshielded) FPLR-CI	1500 ft. (457.2 m.)
Radix CI14A0702-000-I5000 (14 AWG, twisted-pair, unshielded) FPL, 2-hour	1500 ft (457.2 m.)
Radix DuraLife CFU18A0102 (18AWG, unshielded) FPLP-CI	1000 ft (305.8m.)
Radix DuraLife CFU16A0102 (16AWG, unshielded) FPLP-CI	1000 ft (308.8m.)
Radix CI16A0102-000-I5000 (16 AWG, twisted-pair, unshielded) FPL, 2-hour	1600 ft (486.7 m.)
Raychem CI-2C16UNSH (16 AWG, twisted pair, unshielded) FPL-CI	720 ft. (219.5 m.)
Raychem CI-2C16SH (16 AWG, twisted pair, shielded) FPLR-CI	720 ft. (219.5 m.)
Raychem CI-2C18SH (18 AWG, twisted-pair, shielded) FPLR-CI	720 ft. (219.5 m.)
Raychem CI-2C18UNSH (18 AWG, twisted-pair, unshielded) FPL-CI	765 ft. (233 m.)