

Cable Substitution Chart per 2011 NEC®

Fire Resistance level highest to lowest Test Requirements	NEC Reference Article						Canada	
	800	725	760	820	770	830	Comm.	PCC
Plenum NFPA 262, CSA FT6 UL-910 Steiner Tunnel	CMP		FPLP	CATVP	OFNP	BLP	CMP	FT6
Riser UL-1666 Vertical Shaft	CMR	CL3P CL2P	FPLR	CATVR	OFNR	BMR BLR	CMR	
General Purpose UL-1685 or CSA FT4 Vertical Tray or CSA FT4	CMG CM	PLTC CL3 CL2	FPL	CATV	OFNG OFN	BM BL	CMG CM	FT4
Dwellings UL-1581 or VW-1 Vertical Flame	CMX	CL3X CL2X		CATVX		BLX	CMX	
							CMH	FT1
Rating	Approved Substitutions							
CMP	No substitutions						In 1996 Canada and the US Harmonized the fire codes for Communications Cables. 16 AWG and smaller cable sizes can be certified CMP, CMR, CMG, CM and CMX for similar applications in the US. The PCC FT code does not need to be marked on the cable in these instances. Marking such as C(UL), C(ETL), CSA, or other approved certification agency marking is required to use these codes.	
CL3P	CMP							
CL2P	CMP, CL3P							
FPLP	CMP							
CATVP	CMP, BLP							
OFNP	No substitutions							
OFCP	OFNP							
BLP	CMP, CL3P							
CMR	CMP							
CL3R	CMP, CL3P, CMR							
CL2R	CMP, CL3P, CL2P, CMR, CL3R							
FPLR	CMP, FPLP, CMR							
CATVR	CATVP, CMP, CMR, BMR, BLP, BLR							
OFNR	OFNP							
OFCR	OFNP, OFCP, OFNR							
BMR	No substitutions							
BLR	CMP, CL3P, CMR, CL3R, BLP, BMR							
CMG	CMP, CMR							
CM	CMP, CMR, CMG							
PLTC	No substitutions							
CL3	CMP, CL3P, CMR, CL3R, CMG, CM, PLTC							
CL2	CMP, CL3P, CL2P, CMR, CL3R, CL2R, CMG, CM, PLTC							
FPL	CMP, FPLP, CMR, FPLR, CMG, CM,							
CATV	CATVP, CMP, CATVR, CMR, CMG, CM, BMR, BM, BLP, BLR, BL							
OFNG	OFNP, OFNR							
OFN	OFNP, OFNR, OFNG							
OFNG	OFNP, OFCP, OFNR, OFCR, OFN							
OFC	OFNP, OFCP, OFNR, OFCR, OFN, OFCG							
BM	BMR							
BL	CMP, CL3P, BLP, CMR, CL3R, BMR, BLR, CMG, CM, CL3, BM							
CMX	CMP, CMR, CMG, CM							
CL3X	CMP, CL3P, CMR, CL3R, CMG, CM, PLTC, CL3, CMX							
CL2X	CMP, CL3P, CL2P, CMR, CL3R, CL2R, CMG, CM, PLTC, CL3, CL2, CMX, CL3X							
CATVX	CATVP, CMP, CATVR, CMR, CATV, CMG, CM, BMR, BM, BLP, BLR, BL, BLX							
BLX	CMP, CMR, CM, CMG, CMX, CL3P, CL3R, CL3, CL3X, BMR, BM, BLP, BRP, BL							
Temperature:	60°C, 75°C, 105°C, 125°C . Higher temperature is OK to substitute for lower temperature rating No temperature on jacket is equal to 60°C per NEC code Canada temperature limit is 60°C on conductors							
Special Note:	Ratings MPP, MPR, MPG, and MP were phased out effective July 1, 2003							