

Cable Substitution Chart per 2008 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	CL3P CL2P	FPLP	CATVP	OFNP OFCP	BLP	CMP	FT6	
Riser UL-1666 Vertical Shaft		CMR	CL3R CL2R	FPLR	CATVR	OFNR OFCR	BMR BLR	CMR		
General Purpose UL-1685 or CSA FT4 Vertical Tray or CSA FT4		CMG CM	PLTC CL3 CL2	FPL	CATV	OFNG OFN OFCG OFC	BM BL	CMG CM	FT4	
Dwellings UL-1581 or VW-1 Vertical Flame		CMX	CL3X CL2X		CATVX			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								
OFCG		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										