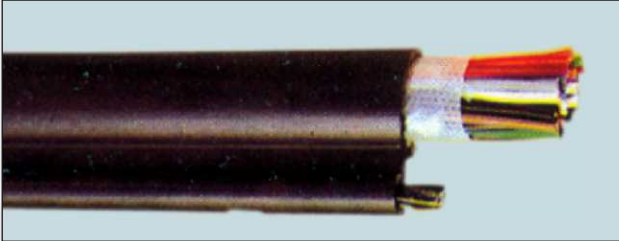




-the nation's live wire-

SELF SUPPORTING POLYETHYLENE-INSULATED, POLYETHYLENE SHEATHED TELEPHONE CABLES (CPEE-SS)

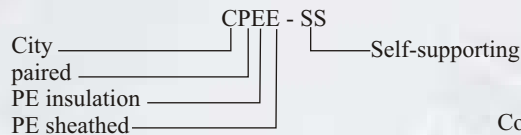


Specification: NITEL S-3200

Construction: plain annealed copper conductor with colour coded polyethylene insulation; two cores twisted into pairs; suitable number of pairs twisted together to form cable or to form unit that are bound, then twisted with other units to form cable, lapped with plastic tape, then shielded with longitudinally applied aluminium tape laid parallel with galvanized steel suspension strands and covered with black polyethylene sheath.

Application: overhead telephone distribution

Conductor diameter mm	Total number of pairs P	Cable dimension		Suspension strands		Approximate mass per km kg
		A	H	Size mm	Breaking load kg	
0.5	10	12	24	7/1.6	1,620	300
	20	14	27	7/1.6	1,620	400
	30	15	28	7/2.0	2,520	500
	50	19	32	7/2.0	2,520	600
	100	24	37	7/2.0	2,520	1,000
0.65	10	13	25	7/1.6	1,620	300
	20	17	29	7/2.0	2,520	400
	30	18	30	7/2.0	2,520	500
	50	22	35	7/2.0	2,520	800
0.9	10	16	28	7/2.0	2,520	400
	20	22	35	7/2.0	2,520	700
	30	24	37	7/2.0	2,520	900



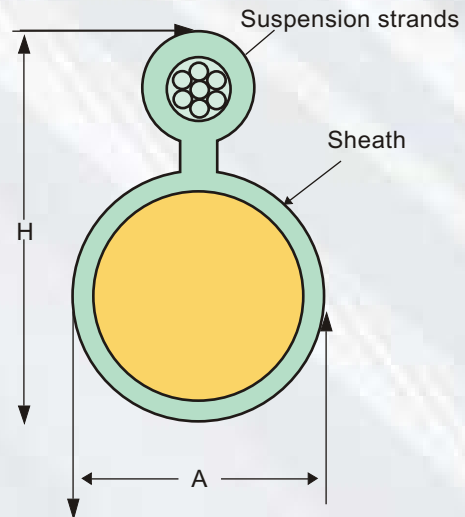
Colour scheme:
same as indoor cable (IPEV)

Electrical characteristics:

Conductor resistance at 20°C
 0.5 mm: not more than 95 ohm/km
 0.65mm: not more than 56 ohm/km
 0.9mm: not more than 29 ohm/km

insulation resistance: 10 meg.ohm.km
 dielectric strength: 0.5mm: DC 3000V (3 sec)
 0.65mm: DC 3600V (3 sec)
 0.9mm: DC 4500V (3 sec)

mutual capacitance: nominal 50 nF/km



Cross section of sheath