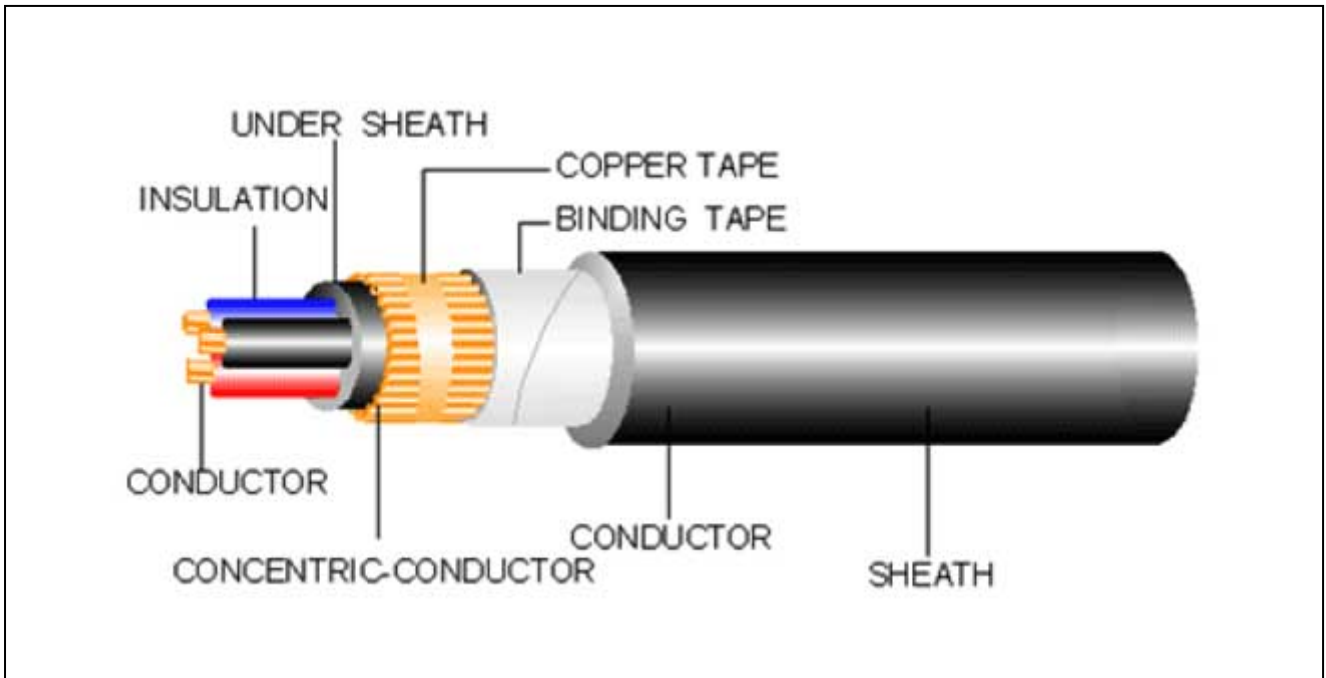


750 V 70 °C PVC INSULATED AND DOUBLE SHEATHED POWER CABLE, WITH CONCENTRIC CONDUCTORS**CABLE STRUCTURE**

NUMBER OF CORE	: 3 cores
PHASE CONDUCTOR	: Concentric stranded annealed copper wires, sizes 16 mm ² up to 300 mm ²
CONCENTRIC CONDUCTORS	: Annealed copper wires Size. 16 mm ² up to 150 mm ²
INSULATION	: PVC Color: Light gray, Black and Blue
SHEATH AND UNDER SHEATH	: PVC Color: Black
CLASSIFICATION	: Maximum conductor temperature 70 °C Circuit voltage not exceeding 750 volts
TESTING VOLTAGE	: 2,500 volts
REFERENCE	: TIS 11- 2531



NYCY

THAI YAZAKI Standard

Nominal Cross Sectional area (mm. ²)		Number and diameter of wire (No. / mm.)		Insulation thickness (mm)	Under sheath thickness (mm)	Sheath thickness (mm)	Approx. overall diameter (mm)	Maximum conductor resistance at 20 °C (Ω/Km)	Minimum insulation resistance at 70 °C (MΩ-Km)	Maximum conductor current rating in free air (Ampere)	Cable weight (approx.) (Kg/Km)	Standard length (m)
Phase	Concentric	Phase	Concentric									
3X25	16	7/2.14	19/1.04	1.3	1.2	2.0	30	0.727	0.0054	88	1,600	500/D
3X35	16	19/1.53	19/1.04	1.3	1.2	2.0	33	0.524	0.0047	107	1,900	500/D
3X50	25	19/1.78	25/1.13	1.5	1.5	2.2	38	0.387	0.0046	130	2,600	500/D
3X70	35	19/2.14	23/1.38	1.5	1.5	2.2	43	0.268	0.0039	162	3,500	500/D
3X95	50	19/2.52	27/1.53	1.7	1.5	2.4	48	0.193	0.0038	201	4,700	500/D
3X120	70	37/2.03	31/1.70	1.7	1.8	2.6	53	0.153	0.0034	233	6,000	500/D
3X150	70	37/2.25	31/1.70	1.9	1.8	2.8	58	0.124	0.0034	266	7,000	300/D
3X185	95	37/2.52	36/1.83	2.1	2.0	3.0	64	0.0991	0.0034	306	9,000	300/D
3X240	120	61/2.25	37/2.03	2.3	2.0	3.2	72	0.0601	0.0033	364	11,500	200/D
3X300	150	61/2.52	41/2.14	2.5	2.2	3.4	79	0.0601	0.0032	417	14,000	200/D

D : Packing in drum.

Nominal Cross Sectional area (mm. ²)		Number and diameter of wire (No. / mm.)		Insulation thickness (mm)	Under sheath thickness (mm)	Sheath thickness (mm)	Approx. overall diameter (mm)	Maximum conductor resistance at 20 °C (Ω/Km)	Minimum insulation resistance at 70 °C (MΩ-Km)	Maximum conductor current rating in free air (Ampere)	Cable weight (approx.) (Kg/Km)	Standard length (m)
Phase	Concentric	Phase	Concentric									
3X16	16	7/1.70	19/1.04	1.1	1.2	2.0	26	1.15	0.0057	66	1,100	500/D
3X25	25	7/2.14	25/1.13	1.3	1.2	2.0	30	0.727	0.0054	88	1,600	500/D
3X35	25	19/1.53	25/1.13	1.3	1.2	2.0	33	0.524	0.0047	107	2,000	500/D
3X50	35	19/1.78	23/1.38	1.5	1.5	2.2	39	0.387	0.0046	129	2,700	500/D
3X70	50	19/2.14	27/1.53	1.5	1.5	2.2	43	0.268	0.0039	162	3,600	500/D
3X95	70	19/2.52	31/1.70	1.7	1.5	2.4	49	0.193	0.0038	200	5,000	500/D
3X120	95	37/2.03	36/1.83	1.7	1.8	2.6	54	0.153	0.0034	233	6,000	500/D
3X150	95	37/2.25	36/1.83	1.9	1.8	2.8	58	0.124	0.0034	266	7,500	300/D
3X150	120	37/2.25	37/2.03	1.9	1.8	2.8	59	0.124	0.0034	266	7,500	300/D
3X185	120	37/2.52	37/2.03	2.1	2.0	3.0	65	0.0991	0.0034	306	9,000	300/D

D : Packing in drum.



