

Instrumentation Cable (IPT, IQT, IPBT)

300/500V V90HT PVC insulated

Applications

Signal and Control of machinery, Data Transfer

Product Specifications

CS Overall, ESCS Individual and Overall Screened Available.

Construction:

Conductor: Tinned Annealed Copper to AS/NZS1125,

Drawn from Class 102 copper to AS/NZS1574,

Insulation: Coloured V90HT PVC to AS/NZS3808

Sheath: Coloured V90HT PVC to AS/NZS3808



Current Code	New Code	No. of Pairs	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance @ 20°c (Ω/KM)	Nominal OD
Overall Screened						
IPT2703	IPT01P/0.56	1	0.5	16/0.2	38.4	6.9
IPT3703	IPT03/0.56	Triple	0.5	16/0.2	38.4	7
IPT4703	IPT02P/0.56	2	0.5	16/0.2	38.4	7
IPT8703	IPT04P/0.56	4	0.5	16/0.2	38.4	9.8
IPT12703	IPT06P/0.56	6	0.5	16/0.2	38.4	12.9
IPT16703	IPT08P/0.56	8	0.5	16/0.2	38.4	14.6
IPT24703	IPT12P/0.56	12	0.5	16/0.2	38.4	15.4
IPT2705	IPT01P/1.5	1	1.5	7/0.5	13.8	8.3
IPT3705	IPT03/1.5	Triple	1.5	7/0.5	13.8	8.3
IPT4705	IPT02P/1.5	2	1.5	7/0.5	13.8	8.9
IPT8705	IPT04P/1.5	4	1.5	7/0.5	13.8	9.7
IPT12705*	IPT06P/1.5	6	1.5	7/0.5	13.8	14.9
IPT16705*	IPT08P/1.5	8	1.5	7/0.5	13.8	18.2
IPT24705*	IPT12P/1.5	12	1.5	7/0.5	13.8	21.1
Individual and Overall Screened						
IQT4703	IQT02P/0.56	2	0.5	16/0.2	38.4	7.5
IQT8703	IQT04P/0.56	4	0.5	16/0.2	38.4	10.2
IQT12703	IQT06P/0.56	6	0.5	16/0.2	38.4	13.2
IQT16703	IQT08P/0.56	8	0.5	16/0.2	38.4	14.9
IQT24703*	IQT12P/0.56	12	0.5	16/0.2	38.4	16
IQT4705	IQT02P/1.5	2	1.5	7/0.5	13.8	10
IQT8705*	IQT04P/1.5	4	1.5	7/0.5	13.8	12.1
IQT16705*	IQT08P/1.5	8	1.5	7/0.5	13.8	19.5
IQT24705*	IQT12P/1.5	12	1.5	7/0.5	13.8	22.8
Overall and SWA						
IPBT4703	IPBT02P/0.56	2	0.5	16/0.2	38.4	8.2
IPBT8703*	IPBT04P/0.56	4	0.5	16/0.2	38.4	11
IPBT4705*	IPBT02P/1.5	2	1.5	7/0.5	13.8	13.1