



Product Description:

Conductor: Bare Copper

Conductor size: 0.32mm, 0.4mm, 0.5mm, 0.6mm, 0.7mm, 0.9mm

Insulation: HDPE

Cores: 5~1600 pairs, 100 pair and above has the 1% prepared line pairs that is not more than 6 pairs

Insulation color: there is 10 kinds color in total, every pair's insulation color is according to stated chromatogram

Wrapping tape: polyester tape

Shield: Aluminum band, both sides of the aluminum band combine the polyolefin membranes with thickness 0.05mm

Petroleum jelly: The Petroleum jelly is filled in the gap of the cores and the gap between the cores and wrapping tape

Sheath: LDPE

Sheath color: black, or other as per requirement

Package: 100 meters per roll, 500 meters per wooden reel, wooden drum or as per requirement

Main product model: HYAT

Product standard: GY/T 322, IEC 708-1, PEA PE-22

Product application:

It is applicable to the transmission of analogue signal with audio frequency 150KHZ or less, and the transmission of digital signal of 2048Kbits/s or less, also the digital signal of above 2048Kbits/s in special condition. The cable is used for outdoor mainly with good water proof ability.

Product Electrical Property: (more spec. details please email us: info@himakecable.com)

Conductor diameter mm	0.32	0.40	0.50	0.60	0.70	0.90
Max. DC resistance Ω /km 20 $^{\circ}$ C	236.0	148.0	95.0	65.8	48.0	29.5
Max. Av. DC resistance unbalance% 20 $^{\circ}$ C	2.5	1.5	1.5	1.5	1.5	1.5
Max. DC resistance unbalance% 20 $^{\circ}$ C	6.0	5.0	5.0	5.0	5.0	4.0
Max. pairs to pairs capacitance Unbalance pF/km	250	250	250	200	200	200
Max. Av. pairs to ground capacitance Unbalance pF/km	570	570	570	490	490	490
Max. pairs to ground capacitance Unbalance pF/km				2630		
Max. Av. intrinsic attenuation 150kHz 20 $^{\circ}$ C dB/km	16.0	11.7	8.2	6.7	5.7	4.4
Max. Av. intrinsic attenuation 1024kHz 20 $^{\circ}$ C dB/km	31.1	23.6	18.6	15.8	13.5	10.4
Screen Al-tape continuity	Continuous					
Conductor wire <u>break</u> ing and mixing	No breaking and mixing					

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