TELEPHONE and SWITCHBOARD CABLES with superior VOICE CLARITY

ZERO NOISE LEVEL

NO VOICE LOSS

NO CROSSTALK

VOICE CLARITY
Anchor Telephone & Switch Board Cables

Anchor Telephone and Switch Board cable, designed for voice clarity and elimination of cross talk, are most suitable for indoor use in large Office / Residential buildings, hotels and industrial complex for interconnection of telephone and intercom system, EPABX and in central exchange for interconnection of distribution frames, switching and transmission equipments.

Solid annealed high conductivity bare copper of 0.4/0.5 diameter is insulated with high density polyethylene in different colours, twisted with varying lay lengths to form pairs and laid-up together in such a manner so as to minimize cross talk. The laid up cables are sheathed with specially formulated FR PVC compound. The cables generally conform to TEC Specification No. GR/WIR-06/03 and Anchor specification. The design, materials and quality parameters of Anchor Telephone Cables are such as to give improved transmission quality and reproduction of voice fully and clearly.

FEATURES
Voice Clarity & No Voice Loss

High Purity 100% electrolytic grade copper conductor of uniform diameter with 100%+ conductivity, positive tolerance and having balanced low resistance in a pair eliminates voice loss, giving crisp clarity.

Zero Noise Level & No Crosstalk

Concentric uniform thickness of insulation without internal imperfections, high insulation resistance and differential lay lengths of pairs and staggered positioning of pairs and staggered positioning of pairs eliminate noise and disturbances caused by outside electromagnetic interference and cross-talk, i.e., picking up transmission through adjoining lines, thus, improving clarity and quality of voice.

CONSTRUCTION

<table>
<thead>
<tr>
<th>CONDUCTOR</th>
<th>INSULATION</th>
<th>HEADING BINDER</th>
<th>RIP CORD</th>
<th>SHEATH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Diameter (mm)</td>
<td>Material</td>
<td>Material</td>
<td>Material</td>
<td>Material</td>
</tr>
<tr>
<td>0.40</td>
<td>Bright Annealed 99.97% Pure copper approved by ICAL</td>
<td>HDPE</td>
<td>PP (About 10 pair)</td>
<td>Nylon</td>
</tr>
<tr>
<td>0.50</td>
<td>HDPE</td>
<td>PP (About 10 pair)</td>
<td>Nylon</td>
<td></td>
</tr>
</tbody>
</table>

ELECTRICAL PARAMETERS

Conductor Resistance at 20°C(Max.): 0.4mm - 143 Ohm/km 0.5mm - 92.20 Ohm/km
Mutual Capacitance: Max 50nf/km Capacitance Unbalanced Pair to Pair: Max 230 PF/km