

<u>S.NO.</u>	<u>ITEM</u>	<u>DESCRIPTION</u>
<b>ITEM: <u>16 Sq.mm - 3 Core - HR CABLE</u></b>		
<b>A.) <u>CONDUCTOR</u></b>		
1.)	Material	Anneled Bare Copper EC Grade
2.)	Size	16.00 Sq.mm
3.)	No. of Strands	126
4.)	Dia of each Strand (Before Stranding)	0.40 mm
5.)	Resitance	Max. 1.20 Ohm / Km at 20 Deg. Cent.
6.)	Dia of Conductor	5.95 mm + / - 0.10 mm
<b>B.) <u>CORE INSULATIN</u></b>		
1.)	Material	PTFE Tape Wrapped and Fused with Kapton Lining
2.)	Insulation Thickness	0.55 mm + / - 0.05 mm
3.)	Single Core Dia	6.95 mm + / - 0.10 mm
4.)	Color	Red, Yellow, Blue
<b>C.) <u>LAYING</u></b>		
	Number of Cores	3 Such Cores twisted altogether
1.)	Twisting Lay	Min. 5 twist per meter
2.)	Laid up dia	14.00 mm + / - 1.00 mm
<b>D.) <u>SHEATH AND H. R. INSULATION AFTER LAYING</u></b>		
1.)	Material	PTFE Tape wrapped then Fiber Glass Tape Wrapped
2.)	Insulation Thickness	0.50 mm + / - 0.10 mm ( PTFE)
<b>E.) <u>ARMORING</u></b>		
1.)	Type	Wire Mesh Type Braiding
2.)	Material	Stainless Steel Wire
3.)	Size	0.10 mm
4.)	Coverage	Min. 85%
F.)	<u>FINSHED CABLE DIA</u>	16.00 mm + / - 1.50 mm