## J.HH

## İletişim Araçları için Halojensiz Kurulum Kablosu Halogenfree Installation Cable for Telecommunication Purpose

## YAPISI I CONSTRUCTION

STANDARD
VDE 815
(1) iletken / CONDUCTOR

IEC 60228 VDE 0295 Class 1 Cu / SnCu
(2) YALITKAN / INSULATION

LSZH-HF
DAMAR RENKLERI / CORE COLOURS
VDE 815
(3) DIS KILIF / JACKET

LSZZH - HF kırmızı / red

ப
TEKNIK VERILER / TECHNICAL DATA
1.BÜKÜM ÇAPI / BENDING RADIUS
$7,5 \times$ kablo çapı / $7,5 \times$ cable dıameter
2. ÇALIȘMA GERILIMI / WORKING VOLTAGE 300 V
3. TEST GERiLimi / test VOLTAGE 800 V
4. ÇALISMA SICAKLIĞI / TEMP RANGE

Hareketli kullanım / Flex using $-5 /+50^{\circ} \mathrm{C}$ Sabit kullanım / Fixed using - $30 /+70^{\circ} \mathrm{C}$
5. YALITIM DIRENCI / INSULATION RESISTANCE $\min .100 \mathrm{M} \Omega \mathrm{km}$
6. KAPASITE DENGESizLiĞi / CAP.UNBALANCE
k1 max. 300 pF / 100m
k9-12 max. $100 \mathrm{pF} / 100 \mathrm{~m}$
7. HALOGEN TESTLERI / HALOGEN TEST

Gazların asitilik derecesi / Degree of acidity of gases TS EN 50267-2-3
Halogen asit gaz miktarı / Amount of halogen acid gas TS EN 50267-2-1
Duman yoğunluğu / Smoke density
TS EN 50268-2
SIPARIŞ BILGILERI / ORDERING DATA
AMBALAJ MiKTARLARI / SPOLL SIZES : 200-500-1000 mt RoHS C

- J-HH tipi kablo bina içi sabit kullanım alanlarında analog ve dijital sinyal iletiminde kullanilır. Telefon, fax, modem ve yangın güvenlik alarm sistemlerinin iç tesisatında bağlantı kablosu olarak kullanılır. Halojenden arındırılmıs yapısı sayesinde yangın durumunda zehirli dioksin ve furan gazlarının oluṣumu engellenmektedir.
- J-HH cables designed for fixed installation for indoor uses to transmit analog and digital signals. These cables used in telephone stations, sub extensions, fire alarm systems connections These halogenfree cables generally used for crowded places like hotels,airports,shopping malls,schools,plazas. With the halogenfree construction it has low smoke and zero halogen during fire. This specialty prevents the damage of people,animals and electronic devices.
iLETKEN / CONDUCTOR : 0,60-0,80-1,00-1,40-1,80


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SiPARIŞ BiLgiLERi / ORDERING DATA

| KOD NO. Code No. | KESiT mm² Cross Sec mm | CAP mm Dia mm | $\begin{gathered} \text { KG/KM } \\ \mathrm{kg} / \mathrm{km} \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| $3 \mathrm{HH1100108}$ | $1 \times 2 \times 0,60$ | 4 | 22,1 |
| $3 \mathrm{JH1} 100208$ | $2 \times 2 \times 0,60$ | 4,5 | 33,1 |
| $3 \mathrm{JH1} 100308$ | $3 \times 2 \times 0,60$ | 5,8 | 46,2 |
| $3 \mathrm{JH1} 100408$ | $4 \times 2 \times 0,60$ | 6,5 | 57,2 |
| $3 \mathrm{JH1} 100508$ | $5 \times 2 \times 0,60$ | 7 | 68,3 |
| $3 \mathrm{JH1} 100608$ | $6 \times 2 \times 0,60$ | 7,8 | 81,3 |
| $3 \mathrm{JH1} 100708$ | $7 \times 2 \times 0,60$ | 8 | 92,4 |
| $3 \mathrm{JH1} 100808$ | $8 \times 2 \times 0,60$ | 8,6 | 104,5 |
| $3 \mathrm{JH1} 100908$ | $10 \times 2 \times 0,60$ | 10 | 133,6 |
| $3 \mathrm{JH1} 101208$ | $16 \times 2 \times 0,60$ | 11,6 | 200 |
| $3 \mathrm{JH1} 101408$ | $20 \times 2 \times 0,60$ | 13 | 241 |
| $3 \mathrm{JH1} 101608$ | $30 \times 2 \times 0,60$ | 15,3 | 346,7 |
| $3 \mathrm{JH1} 101708$ | $40 \times 2 \times 0,60$ | 17,1 | 442 |
| $3 \mathrm{JH1101808}$ | $50 \times 2 \times 0,60$ | 19,2 | 543 |
| $3 \mathrm{HH1} 101908$ | $100 \times 2 \times 0,60$ | 27 | 1.035 |


| KOD NO. <br> Code No. | KESiT mm ${ }^{2}$ Cross $\mathrm{Sec} \mathrm{mm}^{2}$ | ÇAP mm Dia mm | KG/KM kg/km | KOD NO. Code No. | KESiT mm ${ }^{2}$ Cross $\mathrm{Sec} \mathrm{mm}^{2}$ | ÇAP mm Dia mm | KG/KM $\mathrm{kg} / \mathrm{km}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $3 \mathrm{HH1300108}$ | $1 \times 2 \times 0,80$ | 4,8 | 30,5 | 3JH1500108 | $1 \times 2 \times 1,0$ | 5,4 | 40,6 |
| $3 \mathrm{JH1300208}$ | $2 \times 2 \times 0,80$ | 5,9 | 51 | $3 \mathrm{JH1} 500208$ | $2 \times 2 \times 1,0$ | 6,4 | 67,2 |
| $3 \mathrm{JH1} 300308$ | $3 \times 2 \times 0,80$ | 7,6 | 75,5 | $3 \mathrm{JH1} 500308$ | $3 \times 2 \times 1,0$ | 8,6 | 100 |
| $3 \mathrm{JH1300408}$ | $4 \times 2 \times 0,80$ | 8,5 | 94 | 3JH1500408 | $4 \times 2 \times 1,0$ | 9,3 | 125 |
| $3 \mathrm{JH1300508}$ | $5 \times 2 \times 0,80$ | 9,2 | 112 | $3 \mathrm{JH1} 500508$ | $5 \times 2 \times 1,0$ | 10,2 | 151 |
| $3 \mathrm{JH1} 300608$ | $6 \times 2 \times 0,80$ | 9,8 | 135 | 3JH1500608 | $6 \times 2 \times 1,0$ | 11,3 | 178 |
| $3 \mathrm{JH1} 300708$ | $7 \times 2 \times 0,80$ | 10,2 | 151 | 3JH1500708 | $7 \times 2 \times 1,0$ | 11,3 | 202 |
| $3 \mathrm{JH1300808}$ | $8 \times 2 \times 0,80$ | 11,5 | 174 | $3 \mathrm{JH1} 500808$ | $8 \times 2 \times 1,0$ | 12,9 | 235 |
| $3 \mathrm{JH1300908}$ | $10 \times 2 \times 0,80$ | 13 | 217 | $3 \mathrm{JH1} 500908$ | $10 \times 2 \times 1,0$ | 15 | 300 |
| $3 \mathrm{HH1301208}$ | $16 \times 2 \times 0,80$ | 15,2 | 326 | $3 \mathrm{JH1501208}$ | $16 \times 2 \times 1,0$ | 17,1 | 440 |
| 3JH1301408 | $20 \times 2 \times 0,80$ | 17 | 405 | 3JH1501408 | $20 \times 2 \times 1,0$ | 19,5 | 554 |
| $3 \mathrm{JH1} 301608$ | $30 \times 2 \times 0,80$ | 20,5 | 574 | 3JH1501608 | $30 \times 2 \times 1,0$ | 23 | 788 |
| $3 \mathrm{JH1301708}$ | $40 \times 2 \times 0,80$ | 23 | 740 | 3JH1501708 | $40 \times 2 \times 1,0$ | 25,5 | 1.014 |
| $3 \mathrm{JH1301808}$ | $50 \times 2 \times 0,80$ | 25,5 | 924 | 3JH1501808 | $50 \times 2 \times 1,0$ | 29 | 1.270 |
| $3 \mathrm{HH1} 301908$ | $100 \times 2 \times 0,80$ | 36 | 1.778 |  |  |  |  |


| KOD NO. <br> Code No. | KESiT mm ${ }^{2}$ <br> Cross $\mathrm{Sec} \mathrm{mm}^{2}$ | ÇAP mm Dia mm | KG/KM <br> kg/km | KOD NO. <br> Code No. | KESiT mm² <br> Cross $\mathrm{Sec} \mathrm{mm}^{2}$ | ÇAP mm Dia mm | KG/KM <br> kg/km |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3JH1700108 | $1 \times 2 \times 1,40$ | 7 | 64,5 | 3JH1900108 | $1 \times 2 \times 1,80$ | 8 | 95 |
| 3JH1700208 | $2 \times 2 \times 1,40$ | 7,8 | 108 | 3 JH 1900208 | $2 \times 2 \times 1,80$ | 9,3 | 161 |
| 3 HH 1700308 | $3 \times 2 \times 1,40$ | 10,5 | 160 | 3 HH 1900308 | $3 \times 2 \times 1,80$ | 13 | 250 |
| $3 \mathrm{HH1700408}$ | $4 \times 2 \times 1,40$ | 11,7 | 213 | 3 JH 1900408 | $4 \times 2 \times 1,80$ | 14,2 | 322 |
| 3JH1700508 | $5 \times 2 \times 1,40$ | 13 | 260 | 3JH1900508 | $5 \times 2 \times 1,80$ | 16 | 400 |
| 3JH1700608 | $6 \times 2 \times 1,40$ | 14,1 | 301 | 3JH1900608 | $6 \times 2 \times 1,80$ | 17,5 | 475 |
| 3JH1700708 | $7 \times 2 \times 1,40$ | 14,1 | 340 | 3JH1900708 | $7 \times 2 \times 1,80$ | 18 | 542 |
| 3JH1700808 | $8 \times 2 \times 1,40$ | 16,1 | 392 | 3 JH 1900808 | $8 \times 2 \times 1,80$ | 20 | 622 |
| 3 HH 1700908 | $10 \times 2 \times 1,40$ | 18,3 | 485 | 3 JH 1900908 | $10 \times 2 \times 1,80$ | 22,5 | 760 |
| $3 \mathrm{HH1701208}$ | $16 \times 2 \times 1,40$ | 21,2 | 744 | $3 \mathrm{JH1901208}$ | $16 \times 2 \times 1,80$ | 26,2 | 1.163 |
| $3 \mathrm{HH1701408}$ | $20 \times 2 \times 1,40$ | 24 | 910 | $3 \mathrm{JH1901408}$ | $20 \times 2 \times 1,80$ | 29,6 | 1.454 |



