

# DESCAFLEX HAR-500 HT

0,75 mm<sup>2</sup> - 2,50 mm<sup>2</sup>

Cables PVC 90°C 500 V, H05V2V2-F round

## Application

Flexible electric cables for use in industrial, commercial and domestic premises, and in an environment that demands a high temperature resistance, etc..

## Construction

Flexible bare copper conductors, acc. to IEC 60228, class 5  
Insulation PVC  
Coloured cores according to HD 308 S2  
Sheath PVC heat-resistant white, black or grey



## Technical Properties

Rated voltage U<sub>0</sub>/U 300 / 500 V  
Test voltage 2000 V  
Insulation resistance 20 MΩm x km  
Temperature range - 5°C ... + 90°C  
- static installation - 30°C ... + 90°C  
Minimum bending radius 15 x cable diameter

## Standards / Approvals

CENELEC HD 21.5 S3

| Part Number | Type n x mm <sup>2</sup> | Overall-Ø ca. mm | Copper kg/km | Weight kg/km |
|-------------|--------------------------|------------------|--------------|--------------|
| 212349      | 2 x 0,75 wh              | 6.40             | 14.40        | 53.00        |
| 212350      | 2 x 0,75 wh *            | 6.40             | 14.40        | 53.00        |
| 212284      | 2 x 0,75 bk              | 6.40             | 14.40        | 53.00        |
| 212285      | 2 x 0,75 bk *            | 6.40             | 14.40        | 53.00        |
| 212396      | 2 x 0,75 gr              | 6.40             | 14.40        | 53.00        |
| 212397      | 2 x 0,75 gr *            | 6.40             | 14.40        | 53.00        |
| 212351      | 3G 0,75 wh               | 6.80             | 21.60        | 64.00        |
| 212352      | 3G 0,75 wh *             | 6.80             | 21.60        | 64.00        |
| 212286      | 3G 0,75 bk               | 6.80             | 21.60        | 64.00        |
| 212287      | 3G 0,75 bk *             | 6.80             | 21.60        | 64.00        |
| 212398      | 3G 0,75 gr               | 6.80             | 21.60        | 64.00        |
| 212399      | 3G 0,75 gr *             | 6.80             | 21.60        | 64.00        |
| 212353      | 4G 0,75 wh               | 7.40             | 28.80        | 80.00        |
| 212354      | 4G 0,75 wh *             | 7.40             | 28.80        | 80.00        |
| 212288      | 4G 0,75 bk               | 7.40             | 28.80        | 80.00        |
| 212289      | 4G 0,75 bk *             | 7.40             | 28.80        | 80.00        |
| 212400      | 4G 0,75 gr               | 7.40             | 28.80        | 80.00        |
| 212401      | 4G 0,75 gr *             | 7.40             | 28.80        | 80.00        |
| 212355      | 5G 0,75 wh               | 8.30             | 36.00        | 91.00        |
| 212356      | 5G 0,75 wh *             | 8.30             | 36.00        | 91.00        |
| 212290      | 5G 0,75 bk               | 8.30             | 36.00        | 91.00        |
| 212291      | 5G 0,75 bk *             | 8.30             | 36.00        | 91.00        |
| 212402      | 5G 0,75 gr               | 8.30             | 36.00        | 91.00        |
| 212403      | 5G 0,75 gr *             | 8.30             | 36.00        | 91.00        |
| 212361      | 2 x 1,00 wh              | 6.80             | 19.20        | 62.00        |
| 212362      | 2 x 1,00 wh *            | 6.80             | 19.20        | 62.00        |
| 212296      | 2 x 1,00 bk              | 6.80             | 19.20        | 62.00        |
| 212297      | 2 x 1,00 bk *            | 6.80             | 19.20        | 62.00        |
| 212408      | 2 x 1,00 gr              | 6.80             | 19.20        | 62.00        |
| 212409      | 2 x 1,00 gr *            | 6.80             | 19.20        | 62.00        |
| 212363      | 3G 1,00 wh               | 7.20             | 28.80        | 75.00        |
| 212364      | 3G 1,00 wh *             | 7.20             | 28.80        | 75.00        |
| 212298      | 3G 1,00 bk               | 7.20             | 28.80        | 75.00        |
| 212299      | 3G 1,00 bk *             | 7.20             | 28.80        | 75.00        |
| 212410      | 3G 1,00 gr               | 7.20             | 28.80        | 75.00        |
| 212411      | 3G 1,00 gr *             | 7.20             | 28.80        | 75.00        |
| 212365      | 4G 1,00 wh               | 8.10             | 38.40        | 95.00        |
| 212366      | 4G 1,00 wh *             | 8.10             | 38.40        | 95.00        |
| 212300      | 4G 1,00 bk               | 8.10             | 38.40        | 95.00        |
| 212301      | 4G 1,00 bk *             | 8.10             | 38.40        | 95.00        |
| 212412      | 4G 1,00 gr               | 8.10             | 38.40        | 95.00        |
| 212413      | 4G 1,00 gr *             | 8.10             | 38.40        | 95.00        |
| 212303      | 5G 1,00 wh               | 8.80             | 48.00        | 117.00       |
| 212415      | 5G 1,00 gr *             | 8.80             | 48.00        | 117.00       |

wh = white bk = black gr = grey

| Part Number | Type n x mm <sup>2</sup> | Overall-Ø ca. mm | Copper kg/km | Weight kg/km |
|-------------|--------------------------|------------------|--------------|--------------|
| 212373      | 2 x 1,50 wh              | 7.60             | 28.80        | 82.00        |
| 212374      | 2 x 1,50 wh *            | 7.60             | 28.80        | 82.00        |
| 212308      | 2 x 1,50 bk              | 7.60             | 28.80        | 82.00        |
| 212309      | 2 x 1,50 bk *            | 7.60             | 28.80        | 82.00        |
| 212420      | 2 x 1,50 gr              | 7.60             | 28.80        | 82.00        |
| 212421      | 2 x 1,50 gr *            | 7.60             | 28.80        | 82.00        |
| 212375      | 3G 1,50 wh               | 8.30             | 43.20        | 105.00       |
| 212376      | 3G 1,50 wh *             | 8.30             | 43.20        | 105.00       |
| 212310      | 3G 1,50 bk               | 8.30             | 43.20        | 105.00       |
| 212311      | 3G 1,50 bk *             | 8.30             | 43.20        | 105.00       |
| 212422      | 3G 1,50 gr               | 8.30             | 43.20        | 105.00       |
| 212423      | 3G 1,50 gr *             | 8.30             | 43.20        | 105.00       |
| 212377      | 4G 1,50 wh               | 9.30             | 57.60        | 132.00       |
| 212378      | 4G 1,50 wh *             | 9.30             | 57.60        | 132.00       |
| 212312      | 4G 1,50 bk               | 9.30             | 57.60        | 132.00       |
| 212313      | 4G 1,50 bk *             | 9.30             | 57.60        | 132.00       |
| 212424      | 4G 1,50 gr               | 9.30             | 57.60        | 132.00       |
| 212425      | 4G 1,50 gr *             | 9.30             | 57.60        | 132.00       |
| 212379      | 5G 1,50 wh               | 10.30            | 72.00        | 165.00       |
| 212380      | 5G 1,50 wh *             | 10.30            | 72.00        | 165.00       |
| 212314      | 5G 1,50 bk               | 10.30            | 72.00        | 165.00       |
| 212315      | 5G 1,50 bk *             | 10.30            | 72.00        | 165.00       |
| 212426      | 5G 1,50 gr               | 10.30            | 72.00        | 165.00       |
| 212427      | 5G 1,50 gr *             | 10.30            | 72.00        | 165.00       |
| 212384      | 2 x 2,50 wh              | 9.40             | 48.00        | 129.00       |
| 212385      | 2 x 2,50 wh *            | 9.40             | 48.00        | 129.00       |
| 212319      | 2 x 2,50 bk              | 9.40             | 48.00        | 129.00       |
| 212320      | 2 x 2,50 bk *            | 9.40             | 48.00        | 129.00       |
| 212431      | 2 x 2,50 gr              | 9.40             | 48.00        | 129.00       |
| 212432      | 2 x 2,50 gr *            | 9.40             | 48.00        | 129.00       |
| 212386      | 3G 2,50 wh               | 10.20            | 72.00        | 165.00       |
| 212387      | 3G 2,50 wh *             | 10.20            | 72.00        | 165.00       |
| 212321      | 3G 2,50 bk               | 10.20            | 72.00        | 165.00       |
| 212322      | 3G 2,50 bk *             | 10.20            | 72.00        | 165.00       |
| 212433      | 3G 2,50 gr               | 10.20            | 72.00        | 165.00       |
| 212434      | 3G 2,50 gr *             | 10.20            | 72.00        | 165.00       |
| 212388      | 4G 2,50 wh               | 11.20            | 96.00        | 206.00       |
| 212389      | 4G 2,50 wh *             | 11.20            | 96.00        | 206.00       |
| 212323      | 4G 2,50 bk               | 11.20            | 96.00        | 206.00       |
| 212324      | 4G 2,50 bk *             | 11.20            | 96.00        | 206.00       |
| 212435      | 4G 2,50 gr               | 11.20            | 96.00        | 206.00       |
| 212436      | 4G 2,50 gr *             | 11.20            | 96.00        | 206.00       |
| 212326      | 5G 2,50 wh               | 12.40            | 120.00       | 262.00       |
| 212438      | 5G 2,50 gr *             | 12.40            | 120.00       | 262.00       |

## Packaging

Spools of 100 m / \* = cut to desired length