### FEATURES
- 24 AWG - 10 AWG Conductors
- Conductor Construction: Tinned Copper
- Shield Construction: Tinned Copper Braid
- Operating Temperature: -50°C - +150°C
- High Flexibility
- Ozone and Corona resistant
- Meets VW-1 Flame Test
- Made in Germany
- RoHS compliant

### TYPICAL APPLICATIONS
- Signal Transmission
- HV Measurement
- Laser Power Supplies

#### CONDUCTOR

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<td>0.24</td>
<td>5.8</td>
<td>44.1</td>
<td>7.1</td>
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<td>7/30</td>
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<td>6.1</td>
<td>48.5</td>
<td>7.2</td>
<td>67.3</td>
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<td>1.35</td>
<td>6.6</td>
<td>65.0</td>
<td>8.0</td>
<td>91.3</td>
<td>10.0</td>
<td>136.1</td>
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<td>2.08</td>
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<td>8.5</td>
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**Test Voltage (Spark Test) [kVAC]**
- 10
- 20
- 30

**Test Voltage (Cond./Braid 60s) [kVDC]**
- 21
- 61
- 101

These cables have been spark tested according to UL758 during production. It is recommended to derate the operating voltage for continuous operation. The user has to ensure by adequate tests that the cable is suitable for his application.

### ORDERING INFORMATION
Ordering example for part number: HSUS-1012-65-2

<table>
<thead>
<tr>
<th>HSUS</th>
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<tbody>
<tr>
<td>Base Part Designation</td>
<td>Voltage Rating [kVDC]</td>
<td>Conductor Size [AWG]</td>
<td>No. of Strands</td>
<td>Color Code</td>
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### COLOR CODE

<table>
<thead>
<tr>
<th>0 black</th>
<th>1 brown</th>
<th>2 red</th>
<th>3 orange</th>
<th>4 yellow</th>
<th>5 green</th>
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<tbody>
<tr>
<td>6 blue</td>
<td>7 violet</td>
<td>8 grey</td>
<td>9 white</td>
<td>10 natural</td>
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Preferred voltages, conductor sizes and colors shown in bold. Other conductor strandings on request. Minimum order quantities may apply.

20kV, 40kV and 60kV rated types are currently being prepared.

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HSUS Series

- HSUS SERIES CROSS SECTION VIEWS

HSUS-1010-84  HSUS-1012-19  HSUS-1012-65  HSUS-1016-19

HSUS-1018-19  HSUS-1020-19  HSUS-1022-3  HSUS-1024-19

HSUS-7012-19  HSUS-7012-65  HSUS-7014-41  HSUS-7016-19

HSUS-7018-19  HSUS-7020-19  HSUS-7022-3  HSUS-7024-19

HSUS-5012-19  HSUS-5012-65  HSUS-5014-41  HSUS-5016-19

HSUS-5018-19  HSUS-5020-19  HSUS-5022-3  HSUS-5024-19