

# Cable Television and Radio Connection (FS/HfK)

|            |            |
|------------|------------|
| Hall:      | Stand No.: |
| Exhibitor: |            |

## Order Form 2012

**Deadline: 4 weeks prior to the event**

**Customer Service:** Fax: +49(0)30/3038-1460 or 3039-0009143  
**Mailing address:** Messe Berlin GmbH, c/o MB Capital Services GmbH, Thüringer Allee 12/12A, 14052 Berlin, Germany  
**Technical queries:** Phone: +49(0)30/3038-1400; **E-Mail:** fair-service@messe-berlin.de

| Qty   | Order No. | Description  | Price each                  | Price total |
|-------|-----------|--|-----------------------------|-------------|
|       |           | <b>Main connection</b> – Hf-Leads from the Messe Berlin-Point to the stand |                             |             |
|       |           | <b>Cable TV/FM Radio connection</b><br><b>65 db µV</b>                     |                             |             |
| ..... | 82639     | <b>in the halls</b>  | 156.00 EUR                  | ..... EUR   |
|       |           | <b>Cable TV/FM Radio connection</b><br><b>65 db µV</b>                     |                             |             |
| ..... | 82640     | <b>on the open-air grounds</b>   | proof of work and materials | ..... EUR   |

Completion: .....

Dismantling: .....

**Please enclose asketch for dispostionof the ordered installation.**  
**Please indicate the position of your stand on the sketch**  
**(aisles, adjacent stands).**

Additional costs arising from changes in connections will becharged to the applicant.

Stand installation:

We have appointed the following company to carry out installation work on the stand behind the main connection:

**Installation company appointed for the hall**

Company:

.....  
 .....

(The contracting firm is aware of the conditions applying to connection work).

The mentioned prices are subject to statutory value-added tax. By signing the order you acknowledge the stipulated conditions.

**Please note: Please clarify the internal PO number for your company/your client for these services.**

**For later alteration of invoices 30.00 EUR plus VAT will be charged in addition.**

Name and address of recipient of invoice:

Vat Reg. No.:

Contact for queries:

Phone:

Telefax:

E-Mail:

Your order number for the invoice:

|  |   |  |   |
|--|---|--|---|
| <input type="checkbox"/> <b>We are the exhibitor.</b><br>These services will be charged within the final invoice of Messe Berlin GmbH. | <input type="checkbox"/> We are <b>only ordering by order</b> of the exhibitor. (a written confirmation is available) | <input type="checkbox"/> We are <b>not the exhibitor.</b><br>These services have to be charged to the above mentioned address. | Legally binding signature and company stamp |
| Date:  | Name of the customer (in block letters):  |  |   |

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## Installation Guide Cable TV Access

|            |            |
|------------|------------|
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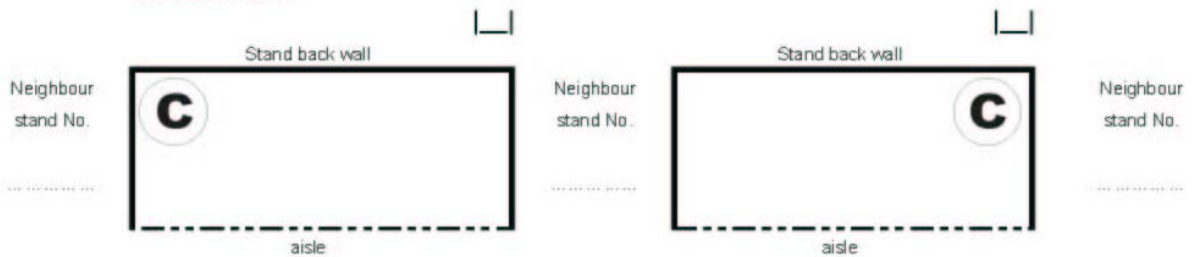
Please indicate the position of your stand on the sketch (aisles, adjacent stands)

Exact details avoid the need for further enquiries, save time and trouble and ensure punctual execution.

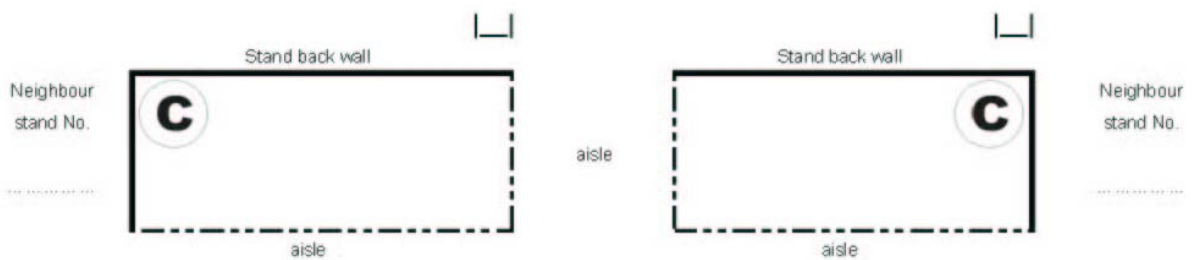
Space for sketch for disposition of technical installations required as listed overleaf.

### Standard installation for cable TV

#### Stand in row



#### Corner stand



# General notes

If no personnel are present on the stand when delivery is made, the services shall be considered to have been duly provided upon fulfilment of the services or delivery of the hired equipment to the stand.

The service provider/lessor is not required to check the authority of the personnel encountered on the stand when the services are provided or when hired goods are delivered.

Any complaints regarding the fulfilment of the services ordered should be made to Messe Berlin on the same day, in writing. Complaints made at a later date will be excluded. An obligation exists to rectify justifiable complaints, Cancellation of the contract or a reduction in the remuneration are only possible if the rectification of the complaint is unsuccessful

## Connection Conditions for Cable Television and Radio Connections

### I. Preliminary remarks

The broadband distribution network will be set up by Messe Berlin in a fully operational state to the distribution points in the halls. It may only be extended onto the stands by Messe Berlin or one of its appointed contractors. However, installation work on the stand itself may be carried out by a specialist firm appointed by the exhibitor.

### II. Connection conditions

The following conditions apply to the installation and operation of passive and active broadband communication components on the exhibition stands from the transfer point in hall onwards:

1. All the conditions specified in the FTZ guideline 1 R 8/Part 15 must be observed. Particular attention should be paid to the following:

- screening factor
- level, level reduction
- decoupling RF sockets

2. Level reduction (minimum values)

| Amplifier specifications  | Number of channels | 35      | 43      |
|---|--------------------|---------|---------|
| Ref. Value according to DIN 45044 B   | 2 Channels         | 19,0 dB | 20,0 dB |
| Ref. Value according to 1 R 8/15  | 12 Channels        | 4,5 dB  | 5,5 dB  |
| Ref. Value according to 1 R 8/15  | 35 Channels        | 0,0 dB  | 1,0 dB  |
| Additional recommended level reduction (reserved for fluctuations in level) | 35 Channels        | 2,0 dB  | 2,0 dB  |

3. For single stage amplifiers the rated gain for the amplifier (type) should be selected as accurately as possible for the input/output level situation, because any reduction in level using the adjuster at the amplifier input will worsen the signal-to-noise ratio at input levels < 65 dB  $\mu$ V.

4. Single-ended amplifiers cannot be used.

5. More extensive stands should be supplied from several hall transfer points. Cascades of amplifiers are not recommended because this leads to a loss of quality.

6. TV sets should be supplied from the RF sockets with levels between 65 ... 70 dB  $\mu$ V (the ideal setting depends on manufacturer's recommendations).

### III. Remarks

Radio stations broadcasting in the long, medium or short wave-bands (LMS) are not served by broadband network. Following Prior approval by Messe Berlin, LMS receiving installations should be set up by exhibitors themselves.

Only a limited number of satellite dishes can be installed. Applications must be made in writing. You should allow for cable lengths of < 100 m between the dish and the exhibitor's stand when preparing your plans.